

*Picks to  
start Gelco file*

Department of Environmental Resources

ORIGINAL  
(Red)

1875 New Hope Street  
Norristown, PA 19401  
215 270-1948

May 21, 1986

Mrs. Bell  


Re: Gelco Facility  
714 Danksferry Road  
Bensalem, PA 19020

Dear Mrs. Bell:

This letter is to inform you as owner, or owner representative of an existing situation at the referenced property, in which the Department has regulatory authority.

Outside of the building there is an area against the building wall where a waste oil storage tank has been removed. There is an accumulation of what appears to be oil, collecting and pooling against the building. Gelco Truck Leasing has indicated that they will take the necessary measures to collect and remove this oil and oil contaminated soil.

Additionally, a buried vertical column of truck wheel rims has been discovered approximately 20 feet from the building wall. This "well" contains a nine foot column of an unidentified black and odorous liquid. Entering this stack of rims is a three inch metal pipe in-line with the Gelco building.

During an on-site investigation the Department could not determine the inlet of this three inch pipe, but it is surmized that its source is within the building and may have been covered over with concrete.

We understand Gelco is conducting a sampling and analysis of these two areas to determine their identities and aid in isolating problem areas. As owner/representative you are required to provide the Department with a proposal to correct these disposal violations.

We expect that such a proposal would identify the following:

- method of collection, transportation and disposal location of contaminants

ORIGINAL  
(Red)

Mrs. Bell  
May 21, 1986  
- 2 -

- procedures to determine source of contaminants
- method to render well and piping system useless
- monitoring well locations, design and protocol to establish and conduct a monitoring program to determine extent of migration of contaminants and the potential for remediation

Because Celco has an interest in the waste oil cleanup portion of this matter and has established a response, we encourage you to maintain dialogue with Celco in order to expedite this cleanup project.

Please call us at 215-270-1346 if you have any questions in this regard.

Very truly yours,

*MMB*

MICHAEL M. BOBEX  
Waste Management Specialist

cc: Bruce Beitler  
George Danyliw  
Bensalem Township  
Bucks County Health Department  
Re 30 2F11/140 ✓



28 S HANOVER STREET, POTTSTOWN, PA. 19464 215 / 327-0880  
125 MAIN AVENUE, ELMWOOD PARK, N.J. 07407 201 / 791-6700

May 20, 1986

O. H. Materials Co.  
P.O. Box 41  
Windsor, NJ 08561-0041  
Attn: Kevin Wood

P.O. # J 3814-59642 Proj. #3814

Identification of Samples Ben Salem, PA Gelco

1. 05-1686-17 3814-#01 *Oil*
2. 05-1686-18 3814-#02 *Sump*
3. 05-1686-19 3814-#03 *Soil*
4. \_\_\_\_\_

ate Sampled 5-14-86 Time 1:30 Date Rec. 5-16-86 Time 10:00

ampled By ME Rec. by MDD

ate Complete: \_\_\_\_\_

ested By: Wastex

Class of Sample: ☐ Grab ☐ Grab Composite ☐ Continuous

**OIL SUMP SOIL**

Analysis	#1	#2	#3	#4	Analysis	#1	#2	#3	#4
BOD (5 day 20 C) mg l					<b>Leachate</b>				
COD mg l					<b>METALS</b>				
Dissolved Oxygen mg l					Aluminum mg l				
DOC mg l					Antimony mg l				
Relative Stability				X	Arsenic mg l	< 0.001	< 0.001	< 0.001	
Acidity mg l CaCO <sub>3</sub>				X	Boron mg l	< 0.1	< 0.1	< 0.1	
Alkalinity mg l CaCO <sub>3</sub>					Beryllium mg l				
Hardness mg l CaCO <sub>3</sub>				X	Cadmium mg l	< 0.005	< 0.010	< 0.010	
pH					Calcium mg l				
Spec Cond $\mu$ mhos/cm				X	Chromium mg l	< 0.05	< 0.05	< 0.05	
Specific Gravity					Chromium (Hex) mg l				
Color Pt-Co					Copper mg l				
Odor ION					Iron mg l				
Turbidity NTU				X	Lead mg l	< 0.05	< 0.05	< 0.05	
Bromide mg l					Magnesium mg l				
Chloride mg l					Manganese mg l				
Chlorine-Residual mg l				X	Mercury mg l	< 0.0002	< 0.0002	< 0.0002	
Cyanide mg l					Nickel mg l				
Fluoride mg l					Potassium mg l				
Ammonia Nitrogen mg l				X	Selenium mg l	< 0.002	< 0.002	< 0.002	
Nitrate Nitrogen mg l				X	Silver mg l	< 0.01	< 0.01	< 0.01	
Nitrite Nitrogen mg l					Sodium mg l				
Organic Nitrogen mg l					Thallium mg l				
Total Phosphate as P mg l					Tin mg l				
Orthophosphate as P mg l					Zinc mg l				
Silica mg l									
Sulfate mg l									
Sulfide mg l									
Sulfite mg l									
Total Solids mg l					X Petroleum				
Dissolved Solids mg l					Hydrocarbons	64.5%			
Suspended Solids mg l									
Volatile Solids mg l									
Settleable Solids mg l									
Grease and Oil mg l									
Detergents mg l									
Phenols mg l									

**BACTERIOLOGICAL**

St Plate Count No ml				
Total Coliform No 100ml				
Fecal Coliform No 100ml				





WASTEX  
INDUSTRIES, INC.

28 S. Hanover Street  
Pottstown, PA 19464  
215/327-0880

ORIGINAL  
(Red)

EPA 38-005  
NJDEP 77371

Licensed Analytical Laboratories



P.O. Box 380  
125 Main Ave.  
Elmwood Park, N.J. 07407  
201/791-6700

## NOTES AND COMMENTS

### VALUE

If the result is a value greater than or equal to the detection limit, report the value.

. U

Compound was analyzed for but Not Detected. The number is the minimum attainable detection limit for the sample.

B

This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable contamination and warns the data user to take appropriate action.

D

Compound was detected but less than the minimum detection limit.

\*\*

Anthracene coelutes with phenanthrene and is quantitated as all phenanthrene.

\*\*\*

Benzo (b) fluoranthene and Benzo (k) fluoroanthene coelute and are quantitated as all Benzo (k) fluoranthene.

\*\*\*\*

Chrysene coelutes with Benzo (a) anthracene and is quantitated as all Benzo (a) anthracene.

Cis-1,2-Dichloroethene (a non-targetted compound) coelutes with Trans-1,2-Dichloroethene and the MS cannot distinguish one from the other.



WASTEX  
INDUSTRIES, INC.

28 S. Hanover Street  
Pottstown, PA 19464  
215/327-0880

SOILS  
AT OIL TANK

ORIGINAL  
(Red)

EPA 38-005  
NJDEP 77371

Licensed Analytical Laboratories



P.O. Box 360  
125 Main Ave.  
Elmwood Park, N.J. 07407  
201/791-6700

O. H. Materials Co.  
P.O. Box 41  
Windsor, NJ 08561-0041  
Attn: Kevin Wood

Date Sampled: 5-14-86 Time: 1:30  
Date Received: 5-16-86 Time: 10:00  
Sampled By: ME  
Received By: MDD  
Date Completed:  
Tested By: Wastex  
P. O.: J3814-59642  
LAB #: 05-1686-19 Soil  
Sample I.D. 3814-#03 Ben Salem, PA  
Gelco

PESTICIDES

PARAMETERS	RESULTS mg/kg
1P. Aldrin	<0.10
2P. alpha-BHC	<0.10
3P. beta-BHC	<0.10
4P. gamma-BHC	<0.10
5P. delta-BHC	<0.10
6P. Chlordane	<0.10
7P. 4,4'-DDT	<0.10
8P. 4,4'-DDE	<0.10
9P. 4,4'-DDD	<0.10
10P. Dieldrin	<0.10
11P. alpha-Endosulfan	<0.10
12P. beta-Endosulfan	<0.10
13P. Endosulfan Sulfate	<0.10
14P. Endrin	<0.10
15P. Endrin Aldehyde	<0.10
16P. Heptachlor	<0.10
17P. Heptachlor Epoxide	<0.10

ORIGINAL  
(Red)

Page 2  
# 05-1686-19  
Pesticides

PARAMETERS	RESULTS mg/kg
18P. PCB-1242	<0.50
19P. PCB-1254	<0.50
20P. PCB-1221	<0.50
21P. PCB-1232	<0.50
22P. PCB-1248	<0.50
23P. PCB-1260	<0.50
24P. PCB-1016	<0.50
25P. Toxaphene	<2.00


DIOXIN

PARAMETER	RESULT
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	*

NA - Not Applicable as per U.S.E.P.A. NPDES Form 2-C, Table 2C-2.

\* - This parameter is not analyzed by Wastex Industries, Inc. due to its high risk toxicity. This analysis is available through a Wastex subcontractor.

Respectfully submitted,



CLIENT I.D.: Ben Salem, PA Gelco

FRN NO.: >A0011 />B0052  
ORIGINAL  
(Red)

Oil Tank

PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS mg
<u>ACID EXTRACTABLES</u>		<u>BASE/NEUTRAL FRACTION</u>	
2-Chlorophenol	2.5U	Hexachlorobenzene	1.U
4-Chloro-3-methylphenol	2.5U	Hexachlorobutadiene	1.U
2,4-Dichlorophenol	2.5U	Hexachlorocyclopentadiene	1.U
2,4-Dimethylphenol	2.5U	Hexachloroethane	5.U
2,4-Dinitrophenol	25.U	Indeno(1,2,3-c,d)pyrene	1.U
4,6-Dinitro-2-methylphenol	2.5U	Isophorone	1.U
2-Nitrophenol	2.5U	Naphthalene	2.D
4-Nitrophenol	2.5U	Nitrobenzene	1.U
Pentachlorophenol	2.5U	N-Nitrosodimethylamine	1.U
Phenol	2.5U	N-Nitrosodiphenylamine	1.U
2,4,6-Trichlorophenol	2.5U	N-Nitrosodipropylamine	1.U
		Phenanthrene	8.
		Pyrene	16.
		1,2,3-Trichlorobenzene	1.U
<u>BASE/NEUTRAL FRACTION</u>		<u>VOLATILE FRACTION</u>	
Acenaphthene	1.	Benzene	0.5U
Acenaphthylene	1.	Bromodichloromethane	0.5U
Anthracene	**	Bromoform	0.5U
Benzidine	5.U	Bromomethane	0.5U
Benz(a)anthracene	7.	Carbon tetrachloride	0.5U
Benzo(b)fluoranthene	***	Chlorobenzene	0.5U
Benzo(k)fluoranthene	3.	Chlorodibromomethane	0.5U
Benzo(g,h,i)perylene	2.D	Chloroethane	0.5U
Benzo(a)pyrene	4	2-Chloroethyl vinyl ether	0.5U
Benzyl butyl phthalate	1.U	Chloroform	1.8
4-Bromophenyl phenyl ether	1.U	Chloromethane	0.5U
bis(2-Chloroethyl)ether	1.U	1,1-Dichloroethane	0.5U
bis(2-Chloroethoxy)ether	1.U	1,2-Dichloroethane	0.5U
bis(2-Chloroisopropyl)ether	1.U	1,1-Dichloroethene	0.5U
2-Chloronaphthalene	1.U	trans-1,2-Dichloroethene	0.5U
4-Chlorophenyl phenyl ether	1.U	1,2-Dichloropropane	0.5U
Chrysene	***	cis-1,3-Dichloropropene	0.5U
Dibenzo(a,h)anthracene	4.U	trans-1,3-Dichloropropene	0.5U
Di-n-butyl phthalate	1.U	Ethylbenzene	0.5U
1,2-Dichlorobenzene	1.U	Fluorotrichloromethane	0.5U
1,3-Dichlorobenzene	1.U	Methylene Chloride	34.B
1,4-Dichlorobenzene	1.U	1,1,2,2-Tetrachloroethane	0.5U
3,3'-Dichlorobenzidine	1.U	Tetrachloroethene	0.5U
Diethyl phthalate	2.5U	Toluene	0.8
Dimethyl phthalate	1.U	1,1,1-Trichloroethane	0.5U
2,4-Dinitrotoluene	1.U	1,1,2-Trichloroethane	0.5U
2,6-Dinitrotoluene	1.U	Trichloroethene	0.5U
Di-n-octyl phthalate	1.U	Vinyl Chloride	0.5U
1,2-Diphenylhydrazine	1.U	Total Xylenes	0.5U
bis(2-ethylhexyl)phthalate	9.		
Fluoranthene	21.		
Fluorene	1.U		

CLIENT: O. H. Materials

SAMPLE I.D.: 05-1686-19 ORIGINAL  
(Red)

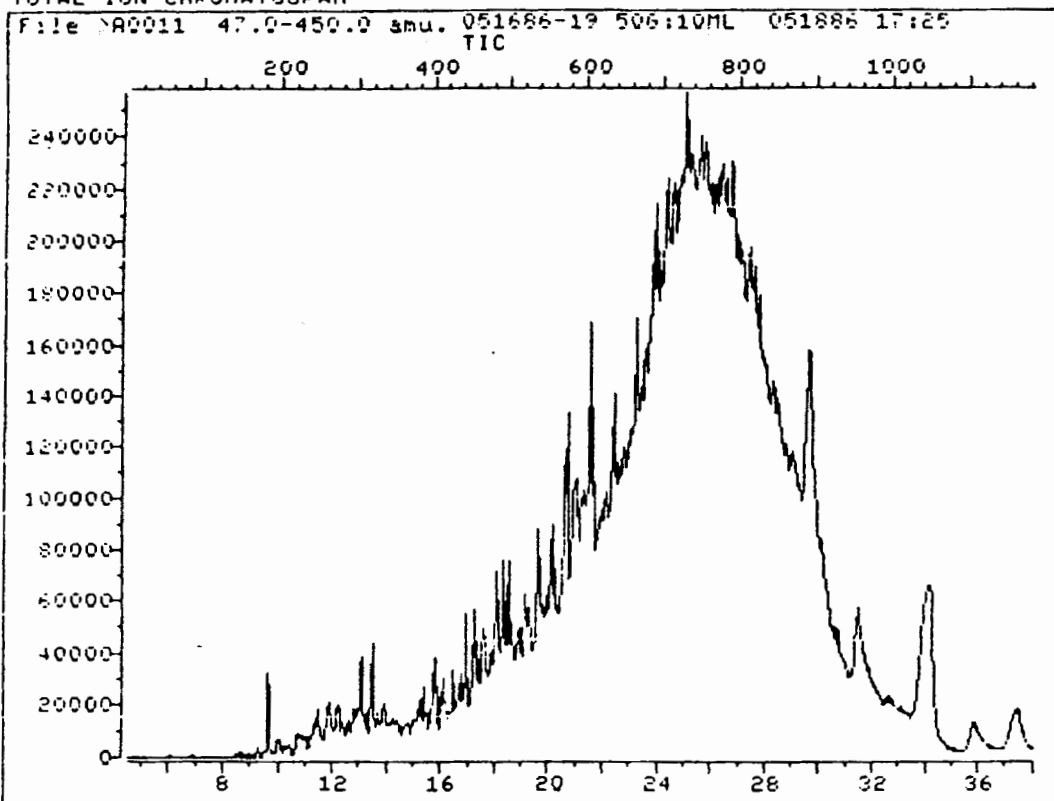
CLIENT I.D.: Ben Salem, PA Gelco

FRN NO.: >A0011/>B0052

PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS mg/kg
<u>PESTICIDE/PCB FRACTION</u>		<u>PESTICIDE/PCB FRACTION</u>	
Aldrin	1.U	Endrin	1.U
a-BHC	1.U	Endrin aldehyde	1.U
b-BHC	1.U	Heptachlor	1.U
d-BHC	1.U	Heptachlor epoxide	1.U
g-BHC	1.U	Toxaphene	5.U
Chlordane	5.U	PCB-1242	5.U
4,4'-DDD	1.U	PCB-1254	5.U
4,4'-DDE	1.U	PCB-1221	5.U
4,4'-DDT	1.U	PCB-1232	5.U
Dieldrin	1.U	PCB-1248	5.U
a-Endosulfan	1.U	PCB-1260	5.U
b-Endosulfan	1.U	PCB-1016	5.U
Endosulfan sulfate	1.U		



TOTAL ION CHROMATOGRAM



Data File: A0011::D1  
Name: 051686-19 506:10ML  
Misc: 051886 17:25

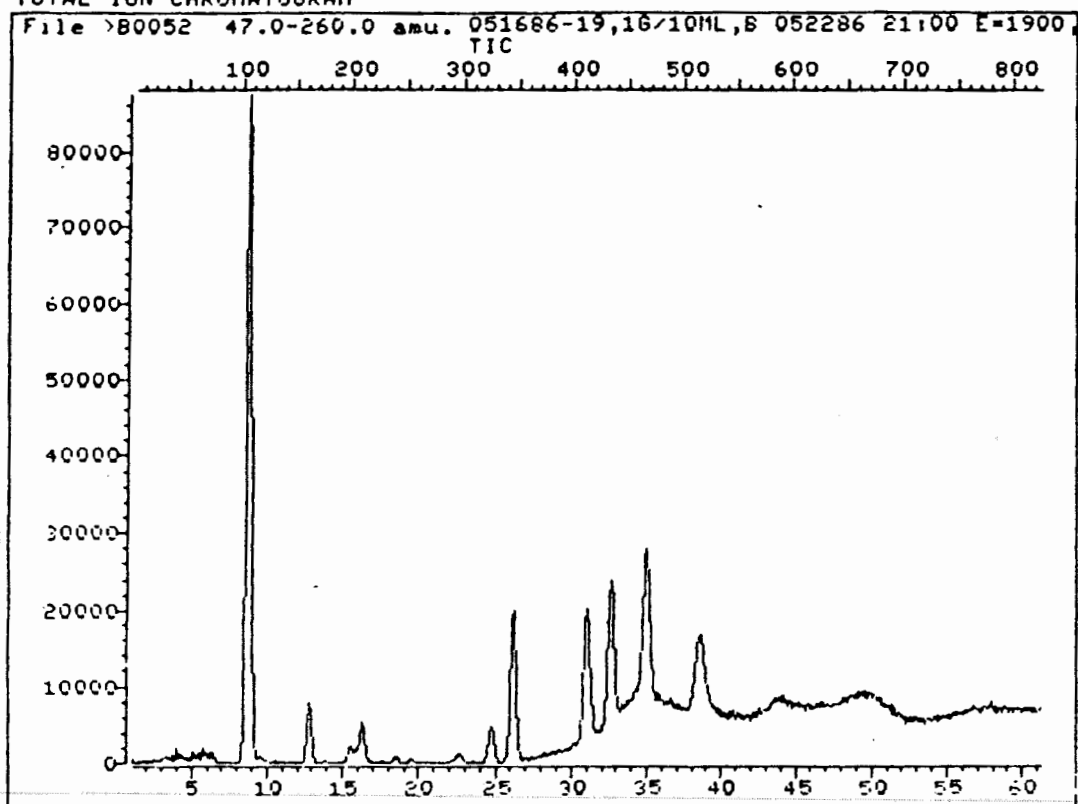
2600V A/D=2^3 T=60 DB-5

Id File: I08NAC::SC  
Title: CLP BN/A EXTRACTABLES  
Last Calibration: 860518 14:42

Operator ID: DT9093  
Quant Time: 860518 18:19  
Injected at: 860518 17:24

ORIGINAL  
(Red)

TOTAL ION CHROMATOGRAM



Data File: >B0052::D1

Name: 051686-19,16/10ML,B

Misc: 052286 21:00 E=1900,A/D=2^5,T=40,SP-1000,5+5UL(1S+SS)

Id File: IDVOL::M1

Title: EPA METHOD 624 VOLATILES

Last Calibration: 860522 14:47

Operator ID: MOLE

Quant Time: 860522 22:08

Injected at: 860522 21:06



WASTEX  
INDUSTRIES, INC.

28 S. Hanover Street  
Pottstown, PA 19464  
215/327-0880

SUMP

ORIGINAL  
(Red)

EPA 38-005  
NJDEP 77371

Licensed Analytical Laboratories



P.O. Box 360  
125 Main Ave.  
Elmwood Park, N.J. 07407  
201/791-6700

O. H. Materials Co.  
P.O. Box 41  
Windsor, NJ 08561-0041  
Attn: Kevin Wood

Date Sampled: 5-14-86 Time: 1:30  
Date Received: 5-16-86 Time: 10:00  
Sampled By: ME  
Received By: MDD  
Date Completed:  
Tested By: Wastex  
P. O.: J3814-59642  
LAB #: 05-1686-18 Sump  
Sample I.D. 3814-#02 Ben Salem, PA  
Gelco

PESTICIDES

PARAMETERS	RESULTS mg/kg
1P. Aldrin	<0.20
2P. alpha-BHC	<0.20
3P. beta-BHC	<0.20
4P. gamma-BHC	<0.20
5P. delta-BHC	<0.20
6P. Chlordane	<0.20
7P. 4,4'-DDT	<0.20
8P. 4,4'-DDE	<0.20
9P. 4,4'-DDD	<0.20
10P. Dieldrin	<0.20
11P. alpha-Endosulfan	<0.20
12P. beta-Endosulfan	<0.20
13P. Endosulfan Sulfate	<0.20
14P. Endrin	<0.20
15P. Endrin Aldehyde	<0.20
16P. Heptachlor	<0.20
17P. Heptachlor Epoxide	<0.20

PARAMETERS	RESULTS mg/kg
18P. PCB-1242	<0.50
19P. PCB-1254	<0.50
20P. PCB-1221	<0.50
21P. PCB-1232	<0.50
22P. PCB-1248	<0.50
23P. PCB-1260	<0.50
24P. PCB-1016	<0.50
25P. Toxaphene	<2.00


## DIOXIN

PARAMETER	RESULT
2,3,7,8-Tetrachlorodibenzo-P-Dioxin	*

NA - Not Applicable as per U.S.E.P.A. NPDES Form 2-C, Table 2C-2.

\* - This parameter is not analyzed by Wastex Industries, Inc. due to its high risk toxicity. This analysis is available through a Wastex subcontractor.

Respectfully submitted,



CLIENT: O. H. MaterialsSAMPLE I.D. US-1000-10CLIENT I.D.: Ben Salem, PA GelcoFRN NO.: >A0011/>B0053ORIGINAL  
(Red)

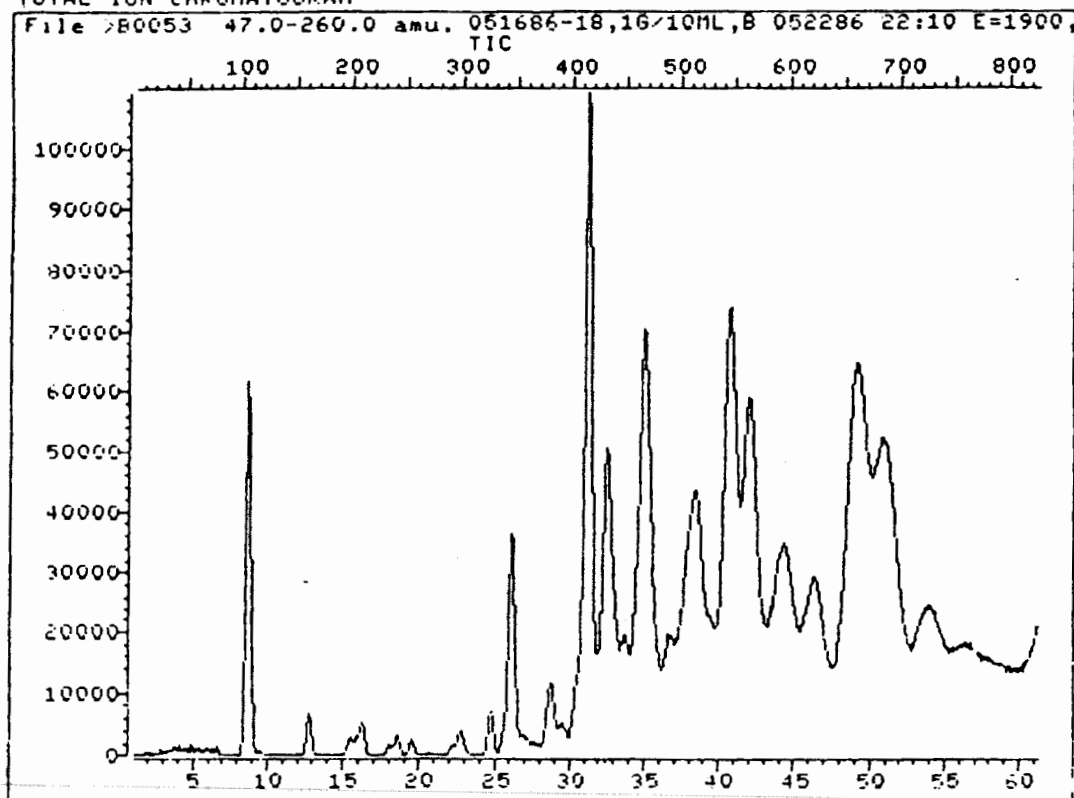
PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS mg/
<u>ACID EXTRACTABLES</u>		<u>BASE/NEUTRAL FRACTION</u>	
2-Chlorophenol	50.U	Hexachlorobenzene	20.U
4-Chloro-3-methylphenol	50.U	Hexachlorobutadiene	20.U
2,4-Dichlorophenol	50.U	Hexachlorocyclopentadiene	100.U
2,4-Dimethylphenol	50.U	Hexachloroethane	20.U
2,4-Dinitrophenol	500.U	Indeno(1,2,3-c,d)pyrene	80.U
4,6-Dinitro-2-methylphenol	50.U	Isophorone	20.U
2-Nitrophenol	50.U	Naphthalene	20.U
4-Nitrophenol	50.U	Nitrobenzene	20.U
Pentachlorophenol	50.U	N-Nitrosodimethylamine	20.U
Phenol	50.U	N-Nitrosodiphenylamine	20.U
2,4,6-Trichlorophenol	50.U	N-Nitrosodipropylamine	20.U
		Phenanthrene	20.U
		Pyrene	20.U
		1,2,3-Trichlorobenzene	20.U
<u>BASE/NEUTRAL FRACTION</u>		<u>VOLATILE FRACTION</u>	
Acenaphthene	20.U	Benzene	0.6
Acenaphthylene	20.U	Bromodichloromethane	0.5U
Anthracene	**	Bromoform	0.5U
Benzidine	100.U	Bromomethane	0.5U
Benz(a)anthracene	20.U	Carbon tetrachloride	0.5U
Benzo(b)fluoranthene	***	Chlorobenzene	0.5U
Benzo(k)fluoranthene	20.U	Chlorodibromomethane	0.5U
Benzo(g,h,i)perylene	80.U	Chloroethane	0.5U
Benzo(a)pyrene	20.U	2-Chloroethyl vinyl ether	0.5U
Benzyl butyl phthalate	20.U	Chloroform	1.2B
4-Bromophenyl phenyl ether	20.U	Chloromethane	0.5U
bis(2-Chloroethyl)ether	20.U	1,1-Dichloroethane	0.5U
bis(2-Chloroethoxy)ether	20.U	1,2-Dichloroethane	0.5U
bis(2-Chloroisopropyl)ether	20.U	1,1-Dichloroethene	0.5U
2-Chloronaphthalene	20.U	trans-1,2-Dichloroethene	0.5U
4-Chlorophenyl phenyl ether	20.U	1,2-Dichloropropane	0.5U
Chrysene	***	cis-1,3-Dichloropropene	0.5U
Dibenzo(a,h)anthracene	80.U	trans-1,3-Dichloropropene	0.5U
Di-n-butyl phthalate	20.U	Ethylbenzene	7.8
1,2-Dichlorobenzene	20.U	Fluorotrichloromethane	0.5U
1,3-Dichlorobenzene	20.U	Methylene Chloride	29.8
1,4-Dichlorobenzene	20.U	1,1,2,2-Tetrachloroethane	1.4
3,3'-Dichlorobenzidine	50.U	Tetrachloroethene	0.5U
Diethyl phthalate	20.U	Toluene	24.
Dimethyl phthalate	20.U	1,1,1-Trichloroethane	0.7
2,4-Dinitrotoluene	20.U	1,1,2-Trichloroethane	0.5U
2,6-Dinitrotoluene	20.U	Trichloroethene	0.5U
Di-n-octyl phthalate	20.U	Vinyl Chloride	0.5U
1,2-Diphenylhydrazine	20.U		
bis(2-ethylhexyl)phthalate	20.U		
Fluoranthene	20.U		
Fluorene	20.U		
		Total Xylenes	73.

CLIENT: O. H. Materials  
CLIENT I.D.: Ben Salem, PA Gelco

SAMPLE I.D.: 05-1686-18 **ORIGINAL**  
FRN NO.: >A0011/>B0053 **(Red)**

PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS mg/k
<u>PESTICIDE/PCB FRACTION</u>		<u>PESTICIDE/PCB FRACTION</u>	
Aldrin	20.U	Endrin	20.U
a-BHC	20.U	Endrin aldehyde	20.U
b-BHC	20.U	Heptachlor	20.u
d-BHC	20.U	Heptachlor epoxide	20.u
g-BHC	20.U	Toxaphene	100.U
Chlordane	100.U	PCB-1242	100.U
4,4'-DDD	20.U	PCB-1254	100.U
4,4'-DDE	20.U	PCB-1221	100.U
4,4'-DDT	20.U	PCB-1232	100.U
Dieldrin	20.U	PCB-1248	100.U
a-Endosulfan	20.U	PCB-1260	100.U
b-Endosulfan	20.U	PCB-1016	100.U
Endosulfan sulfate	20.U		

TOTAL ION CHROMATOGRAM



Data File: B0053::D1

Name: 051686-18,16/10ML,B

Misc: 052286 22:10 E=1900,A/D=2^5,T=40,SP-1000,5+5UL(1S+5S)

Id File: IDVOL::M1

Title: EPA METHOD 624 VOLATILES

Last Calibration: 860522 14:47

Operator ID: NOLE

Quant Time: 860522 23:31

Injected at: 860522 22:14

# Gelco Truck Leasing

UNCLASSIFIED  
(Red)  
5/30/86

David Noll Bucks Co. Health Dept. 345-3326

TERRY R. RUSSELL GELCO CORP. (215) 245-6262

JOHN MARTIN " " " "

ED BRONSON " " " "

Don Ochs OHM (609) 443-2800

KEVIN WOOD " " " "

Michael M Bobek PA-DER 215-270-1948

FRANK BELL DIPOTS 609-386-7535

---



Subject: GELCO Site Meeting, 5/30/86 Bensalem Twp.  
Bucks Co.

To: Bruce Beitter

From: Michael M. Bobek

Attached is the following: Test analysis for liquid sampled in the buried, stacked-rin "Sump", oil collected at the outside of the building wall, a soil sample collected from the area where the waste oil tank was excavated, List of meeting participants.

Based on the analysis it has been determined that both the sump contents and oil/soil are hazardous. GELCO will be taking responsibility for the oil/soil removal and Frank Bell of Diputis will be responsible for the sump contents.

O.H. Materials will be the consultant to start the following work items on Tuesday, June 3:

- ① excavate & stockpile oil & oil contain. soil on sheet pile
- ② explore exposed piping to determine source(s)
- ③ pump sump contents into a tanker
- ④ O.H. Materials wishes to confer with a DER hydro-geologist on monitoring well site locations.



THE ENVIRONMENTAL SERVICES COMPANY

*Gelco is*  
*Gelco* ORIGINAL  
(Red)

O. H. MATERIALS CO.  
P.O. Box 41  
Main St.  
Wagoner, NE 68082  
Phone: 604-244-0001  
Fax: 604-244-0002

**DRAFT**

June 4, 1986

Mr. Terry Russell  
Gelco Corporation  
Expressway 95 Industrial Park  
Ben Salem, PA 19007

Dear Mr. Russell:

O.H. Materials Corp. (OHM) is pleased to be of service to you and your organization. This letter is intended to provide you and Mr. Bell with an outline of work to be performed at your Ben Salem, Pennsylvania facility.

OHM will perform the following work as discussed in our Friday, May 30, meeting:

- o Excavate visually contaminated soil along the foundation of the truck terminal
- o Stage contaminated material on impermeable plastic sheeting which will be surrounded by berms and covered at the end of work each day
- o Excavation will commence at the foundation of the terminal building and continue out parallel to the foundation toward the sump area.
- o Excavation will continue until all visually contaminated material has been removed
- o Clean soil will be segregated and staged to be used as backfill
- o The excavation will extend down as far as contamination is visible
- o The excavation will extend out to the sump area as needed
- o The liquids from the sump area will be pumped and the liquid waste stored on site in 55 gallon 17-E drums
- o Excavation will continue to determine the size of the sump

June 4, 1986

- o Excavation will extend down approximately nine feet around the sump
- o Contaminated soil will be staged with the soil removed from along the building
- o OHM will cease excavation when the size and depth of the underground sump has been determined
- o When the approximate size and depth of the sump has been determined OHM will stop all excavation and meet with GELCO representative to determine the best remedial approach to take

OHM will perform the outlined work for an estimated daily cost of \$2,300.00 for each eight hour day or \$3,000.00 for each ten hour day.

If you have any questions, or if you need additional information regarding this project, please feel free to contact me at our New Jersey office at (609) 443-2800 and I will be happy to assist you in any way I can.

Sincerely,

Kevin S. Wood  
Project Manager

KSW:jl

pc: Project Job File 3814

**DRAFT**

ORIGINAL  
(Red)

*Bucks Co*

Department of Environmental Resources

1875 New Hope Street  
Morristown, PA 19501  
215 270-1928

June 27, 1986



Re: Celco Facility  
716 Punksferry Road  
Bancroft, PA

NOTICE OF VIOLATION



This letter is to notify you and your client, Dipura, Inc. of the following violations of the Pennsylvania Hazardous Waste Regulations at the referenced property.

75.262(g) It has become apparent that the liquid wastes stored in an underground tank are hazardous and have been held on-site in excess of 90 days. Accumulation of wastes in excess of 90 days constitutes "storage" and this facility has not met the requirements of 75.26A.

75.262(n)(5) Generators of hazardous waste are responsible for developing and implementing a contingency plan to minimize potential for hazardous waste spills and discharges. Lack of secondary containment, and performance of periodic inspections of tank and appurtenances have not been performed and are typical requirements for tank storage operation.

You are hereby notified of both the existence of these violations as well as the need to provide for their prompt correction. Toward this end, you are requested to submit to the Department within fourteen (14) days a proposed program and schedule for abatement of these violations. The Department anticipates that complete removal of hazardous wastes, the tank and appurtenances would be performed, followed by soil testing of surrounding areas to confirm an adequate clean-up. Groundwater monitoring may be a requirement if contaminants have left the site.

This letter does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all

[REDACTED]  
June 27, 1986

- 2 -

violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based. This letter shall not be construed so as to waive or impair any rights of the Department of Environmental Resources, heretofore or hereafter existing.

This letter shall also not be construed as a final action of the Department of Environmental Resources.

If you have any questions concerning this matter, please feel free to contact me at 270-1948.

Very truly yours,

*MMB*

MICHAEL M. BOBEK  
Waste Management Specialist

cc: George Danyliw  
Gary Bonner  
Michael Pennella  
Bensalem Township  
Sucks County Health Department - Dave Moll  
Division of Compliance & Monitoring (2)  
Re 30 (SP5)176.8



*Caldwell Systems, Inc.*

Telephone: (704) 396-2308 • P.O. Drawer 1018 • Lenoir N.C. 28645

July 7, 1986

Mr. Kevin Wood  
O. H. MATERIALS CO.  
P. O. Box 41  
Windsor, NJ 08561

Dear Mr. Wood:

This letter is in reference to the sample that you submitted to us for laboratory analysis. Our analysis shows that this material is suitable for incineration. A copy of the analysis is attached.

Our quotation is as follows:

<u>PC #</u>	<u>WASTE STREAM COMMON NAME</u>	<u>PRICE</u>
CSI-922	Waste Oil	\$ .69/gallon; bulk

The above prices are for materials as per your sample. Any material received off-spec will be priced accordingly.

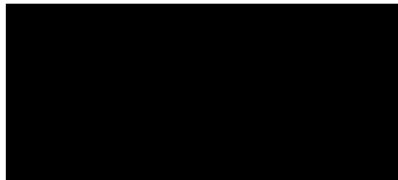
I have also enclosed several profile sheets. These sheets will need to be filled out and sent back to us concerning the above samples before we can accept your material. Also, on future samples submitted for analysis, please fill out a profile sheet and send it along with the sample. We will also need a profile sheet filled out for all existing samples on file. If you need any extra profile sheets, please let me know and I will send you some. All future samples must be accompanied by a profile sheet.

Please notify us when you are ready to schedule a pick-up or delivery.

We look forward to being of service in the future.

Sincerely,

CALDWELL SYSTEMS, INC.



SC

\* \* \*  
\* C S I \*  
\* \* \*

Caldwell Systems, Inc.

Phone: (704) 728-3251 \* Lenoir, N.C. 28645

Date Arrived: 7-02-86 Sample #: CSI-922

Company: OH Materials; Frank Bell Windsor, NJ

Description: Waste Oil

WASTE SAMPLE PROFILE DATA:

Specific Gravity: 1.010 % Ash: Little Expected

Flash Point: < 140°F Chlorine: 3320 ppm

pH Value: 4.8 Sulfur: 300 ppm

BTU Value: 5880 BTU/lb

WASTE SAMPLE METALS PROFILE DATA (ppm):

Arsenic (As): < 1 Chromium (Cr): 0.7

Beryllium (Be): < 0.1 Lead (Pb): 1.2

Cadmium (Cd): 0.1 Mercury (Hg): < 1

This testing was performed in order to assure CSI/MSI that the waste in question meets the element limit levels setup by the EPA in order to remain in compliance with environmental standards.

Date of Analysis Completion: 7-02-86

Signature of Chemist: [REDACTED]

Comments:

No ash test could be performed due to the fact that no muffle furnace was available at the time of testing.



Caldwell Systems, Inc.

ORIGINAL  
(Red)

Telephone: (704) 396-2308

P.O. Drawer 1018

Lenoir N.C. 28645

## GENERATOR'S PROFILE SHEET

### A. General Information:

Generator Name Mr. Frank Bell

Facility Address 714 Dunksferry Road

Bensalem PA 19020

Generator Phone No. ( )                      USEPA ID# Temporary to be issued

Contact Kevin Wood (O.H. Materials) Title Project Manager

Process Generating Waste Cleanout of underground storage tanks

Material Description(s) Waste oil contaminated with volatile organics, base neutral compounds and septic waste

Transporter Name SJ Transportation Co.

Transporter Phone No. ( 609 ) 469-2741 Contact Sam Jones or Eddie

USEPA ID# NJD

### B. Physical Characteristics of Waste:

Specific gravity .90 BTU's/lb. 8,000 pH 6-9

Physical state Liquid Flash point                      Layers Single phase

Free liquids 100% Color Black Odor Septic/oil

### C. Chemical Composition (must reflect 100%)

Waste oil	96.0	%
Volatile organics	1.0	%
Base neutral compounds	1.0	%
Water	1.0	%
Solids	1.0	%
		%
		%

### D. Metals (p.p.m.)

Arsenic	0.001
Barium	0.1
Cadmium	0.005
Chromium	0.50
Mercury	0.2000
Lead	0.50

### E. Other Components

Cyanides	None
Sulfides	None
PCB's	None
Phenolics	
Chlorine	

### F. Shipping Information:

DOT Hazardous Material? Yes

Proper Shipping Name Waste flammable liquid N.O.S.

Hazard Class ORM-E Proper EPA ID Shipping No. D001

Method of Shipping: Bulk Tanker Liquid Drum                      Solid Drum                     

Anticipated Volume (gls/lbs) 5,000 per (wk/mo)                     

### G. Additional

#### Hazardous Characteristics:

Reactivity ☐  
Explosives ☐  
Radioactive ☐  
Pathological ☐

### H. Special Handling Instructions:

Product is contaminated with OSHA carcinogens and is flammable. Product should be handled only when wearing proper respiratory and protective gear.

I hereby certify that all the information submitted above is complete, accurate and all known or suspected hazards have been revealed.

Frank L. Bell  
AUTHORIZED SIGNATURE

Owner of Property  
TITLE

6/29/66  
DATE





THE ENVIRONMENTAL SERVICES COMPANY

DER-RECEIVED  
NORRISTOWN

OCT 02 1986

File Dunks W  
ORIGINAL  
Gelco (Red)

O.H. MATERIALS CO.

P.O. Box 41  
Windsor, NJ 08561

Phone: 609-443-2800  
800-537-9540 (24 hr)

September 30, 1986

Pennsylvania Dept. of Environmental Resources  
1875 Newhope Street  
Norristown, PA 19401

ATTENTION: Mike Bobik

Dear Mike:

This letter will confirm that O.H. Materials Corp. has completed the soil excavating for GELCO Corp. at the Dunksferry Road site. A copy of the manifest used to transport the waste to Waste Conversion Inc. in Hatfield, PA. for disposal has also been enclosed.

OHM is also confirming a October 27 as a start date for the tank excavation for Mr. Frank Bell at the same site. Please note that the drums of waste and the remaining liquid waste cannot be disposed until this time due to a backlog at the incinerator. The remaining tank sludge can be solidified with kiln dust and loaded into dumptrailers and disposed at Waste Conversion Inc. in Hatfield PA.

Please contact me if you have any additional questions regarding this project. I can be reached at our New Jersey office at 609-443-2800.

Sincerely,

Kevin Wood  
Project Manager

KW/vh

pc: Mr. Frank Bell

FORM #10

# Waste Conversion INC.

ORIGINAL  
(Red)

2869 Sandstone Drive / Hatfield, Penna. 19440

<b>Manifest Number</b> <b>P 6547</b> <b>Date</b> <u>8/13/86</u> <small>Received, subject to the classifications and tariffs in effect on the date of issue of this original Bill of Lading.</small>		<b>STRAIGHT BILL OF LADING NON NEGOTIABLE</b>		<b>COMMONWEALTH OF PENNSYLVANIA DEPT. OF ENVIRONMENTAL RESOURCES BUREAU OF SOLID WASTE MANAGEMENT PROCESSING FACILITY PERMIT NO. 300694</b>	
<small>The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as show below, which said company (the word company being understood through this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.</small>					
<b>DATE OF PICKUP</b> <u>8/13/86</u> <b>EPA IDENTIFICATION CODE NO.</b> <u>PAP000001766</u>					
<b>GENERATOR</b> <u>Geico</u> <b>ADDRESS</b> <u>714 Dunks Ferry Road</u>					
<b>CITY</b> <u>PA</u> <b>STATE</b> <u>PA</u> <b>ZIP</b> <u>19440</u> <b>PHONE</b> <u>215-245-6264</u>					
<b>CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILITY</b> <u>EPA IDENTIFICATION CODE NO.</u> <u>RAD</u>					
<b>CONSIGNEE TO</b> <u>Waste Conversion</u> <b>ADDRESS</b> <u>2869 Sandstone Drive</u>					
<b>CITY</b> <u>Hatfield</u> <b>STATE</b> <u>PA</u> <b>ZIP</b> <u>19440</u> <b>PHONE</b> <u>215-822-8976</u>					
<b>THIS IS TO CERTIFY</b> <u>[Signature]</u> <b>DATE</b> <u>8/14/86</u>					
<b>No. and Types Cont</b>	<b>EPA Description or D.O.T. Shipping Name</b>	<b>Hazard Class</b>	<b>Weight Volume</b>		
One Dump	NON hazardous waste solid XXXX.	Non-Regulated Material	539807		
<b>SPECIAL HANDLING INSTRUCTIONS/COMMENTS</b>		<b>PLACARDS PROVIDED/AFFIXED</b>			
<b>Lab Code No.</b> <u>WC-1132</u>		<b>DRIVERS SIGNATURE</b>			
		<b>X</b>			
<b>EMERGENCY INFORMATION!!!</b> <b>CALL: CHEMTREX 800-424-9300</b>					
<b>Call Generator, (print)</b> <u>Kevin S. Wood, Oil Materials Corp.</u> <b>Phone No. A/C</b> <u>609-443-2800 ext 17</u>					
<small>I certify that the materials described above are properly described, classified, packaged, marked and labeled and are in proper condition to be transported in commerce under the applicable regulations of the Federal Environmental Protection Agency and the Federal Department of Transportation.</small>					
<b>Generator Certification</b> <u>[Signature]</u> <b>Date Shipped</b> <u>8/14/86</u>					
<b>TRANSPORTER</b>		<b>EPA IDENTIFICATION CODE NO.</b> <u>NJD071629876</u>			
<b>COMPANY</b> <u>S. S. Transportation Co.</u> <b>ADDRESS</b> <u>Elm Hillbrooke Avenue</u>					
<b>CITY</b> <u>ROSELAND, NJ</u> <b>STATE</b> <u>NJ</u> <b>ZIP</b> <u>08068</u> <b>PHONE</b> <u>609-769-2741</u>					
<b>This is to certify</b> <u>[Signature]</u> <b>DATE</b> <u>8-14-86</u>					
<b>SIGNATURE</b> <u>[Signature]</u> <b>PRINT NAME</b> <u>[Name]</u>					
<b>TRACTOR</b> _____ <b>TRAILER</b> _____ <b>DRIVER</b> _____					
<b>DEPARTED</b> _____ <b>ARRIVAL AT CUSTOMER</b> _____ <b>STARTED LOADING</b> _____ <b>END LOADING</b> _____ <b>DEPARTED CUSTOMER</b> _____		<b>ARRIVE WASTE CONVERSION</b> _____ <b>TOTAL DELAY TIME</b> _____ <b>REASON FOR DELAY</b> _____ <b>AUTHORIZED SIGNATURE</b> _____			
<b>Net Weight:</b> _____ (pounds) <b>SpGr:</b> _____ <b>pH:</b> _____ <b>% Acid, as</b> _____ <b>Other Tests:</b> _____		<b>Gallons:</b> _____ <b>Unloaded To:</b> _____ <b>Unloaded By:</b> _____ <b>Date Unloaded:</b> _____ <b>Time Unloaded:</b> _____ <b>no</b> _____			

White-GENERATOR FILE  
Blue-TRANSPORTER FILE  
Green-PROCESSING FACILITY  
Yellow-RETURN TO GENERATOR

Pink-DEPT. ENVIRONMENTAL RESOURCES  
White-HATFIELD TWP. SEWER AUTHORITY  
White-PROCESSING FACILITY

FORM #102

ORIGINAL  
(Red)

# Waste Conversion INC.

2951 C Advance Lane / Colmar, Pennsylvania 18915 / 215-822-2676

July 22, 1986

O. H. Materials  
P. O. Box 41  
Windsor, NJ 08561

ATTN: Mr. Kevin Wood

REF: GELCO CORPORATION 38/4  
"Soil Contaminated w/Oil & Organic Compound"  
Lab Analysis No. WC-2182

Dear Mr. Wood:

Waste Conversion, Inc. is pleased to quote on the disposal and transportation of the above referenced waste stream.

Our pricing is based on the following specifications:

Generator to certify material is not a reactive waste according to RCRA regulations.

Generator to certify material is not a corrosive waste according to RCRA regulations.

Generator to certify material is not an ignitable waste according to RCRA regulations.

Material must be in solid non flowable condition on arrival at TSD facility.

Material with density less than 2000# per cubic yard will be charged by the cubic yard.

Minimum 20 tons/cubic yard per load.

1) Name of hauler  
2) 11-1

Waste Conversion Inc. / 2951 C Advance Lane / Colmar, Pennsylvania 18915 / 215-822-2676

July 23, 1986

Page 2

O. H. Materials

ATTN: Mr. Kevin Wood

REF: GELCO CORPORATION

"Soil Contaminated w/Oil & Organic Compound"

Lab Analysis No. WC-2182

Generator must certify that this material is classified as a Non-Hazardous waste according to the Resource Conservation and Recovery Act.

Generator to certify absence of PCBs.

Total Solvents, % ..... <20

Free Cyanide, mg/L ..... <200

Disposal ..... \$110.00/ton-cu yd

Materials with a Total Solvent concentration greater than 20%, will be charged at \$155.00/drum.

Solidification charge for wet loads is on a per cubic yard basis for material added and disposed, including the cost of adding kiln dust.

Solidification Charge ..... \$125.00/cu yd

Transportation ..... F.O.B. Hatfield, PA

Load Verification Charge ..... \$ 40.00/load

Our payment terms are net fifteen (15) days from receipt of invoice. Two percent (2%) per month finance charge will be added to all balances thirty (30) days past due. This is an annual percentage rate of twenty percent (20%).

This quotation is firm for thirty (30) days from date of same.

All scheduling, prior to shipment, must be done through Waste Conversion's scheduling department.

Waste Conversion Inc. / 2951 C Advance Lane / Colmar, Pennsylvania 18915 / 215-822-2676

July 22, 1986

Page 3

O. H. Materials

ATTN: Mr. Kevin Wood

REF: GELCO CORPORATION

"Soil Contaminated w/Oil & Organic Compound"  
Lab Analysis No. WC-2182



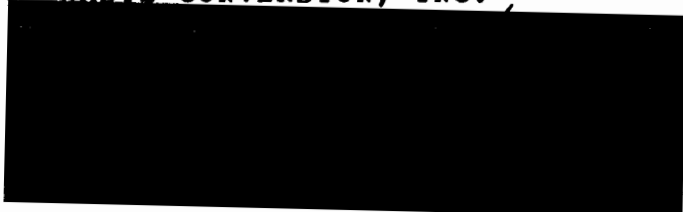
It is the responsibility of our customer to notify Waste Conversion, Inc. in the event the nature of the waste stream should change or accumulate additional contaminants.

Please acknowledge and return a copy of this quotation, indicating your acceptance of the terms herein specified.

Should you have any questions concerning this quotation, please feel free to contact this office.

Very truly yours,

WASTE CONVERSION, INC.



MEB/dt

ACKNOWLEDGEMENT:

Signature:

*Kevin S. Wood*

Date:

*7/25/86*

P.O. #

*To be issued upon scheduling*

File: DUCKS.

ORIGINAL Gelco.  
(Red)COMMONWEALTH OF PENNSYLVANIA  
Environmental Resources  
September 30, 1986  
8-354-1948

SUBJECT: Gelco Truck Leasing, Frank Bell Property  
714 Dunksferry Road  
Bensalem, PA

TO: GEORGE DANYLIW  
Operations Field Supervisor

FROM: MICHAEL M. BOBEK *MMB*  
Waste Management Specialist

I spoke with Kevin Wood of OH Materials on September 24, 1986 at 2:30 P.M.. He told me that the earliest OH Materials can continue clean up work at Gelco is October 27, 1986 because they have an October 29, 1986 acceptance date by Caldwell Systems, Inc. incinerator in Lenoir, North Carolina. The sludge material in that tank will be hauled by Waste Conversions to secure landfill in Michigan. According to Kevin Wood, Frank Bell will perform the following work: Cut-up and disposal of empty excavated tank and backfilling of tank pit. Kevin Wood indicated that upon extraction of the tank from the ground they will conduct sampling of the soils. He was asked to provide by Wednesday of next week copy of the TSD authorization and the sampling plan and work scope narrative. Regarding the Gelco portion of the clean up, namely the clean-up of oil contaminated soils, OH Materials excavated the soils around the waste oil tank, sampled the soils and found levels in excess of 100 ppm hydrocarbons, they excavated an additional six to eight inches of soil, resampled and determined hydrocarbon content to be below 100 ppm. Based on that level they then backfilled the site with clean soil. The contaminated soils went to Waste Conversion.

I asked Kevin Wood to provide a copy of the manifest and sampling results of that work on the Gelco portion of the property.

cc: Sarah Ginzler  
Bucks County Health Department  
Re 30 5W269.3




ORIGINAL  
(Red)

DER-RECEIVED  
NORRISTOWN

O.H. MATERIALS CO.  
P.O. Box 41  
Windsor, NJ 08561  
Phone 609-443-2800  
800-537-9540 (24 hr)

OCT 23 1986

September 30, 1986

Mr. Frank Bell  


*Bucks Co.  
Gelco Truck Leas.*

Dear Frank,

I have enclosed a copy of the letter sent to Mike Bobik of the Pennsylvania DER.

The tank sludge that will remain in the bottom of the tank (the nonpumpable sludge) must be stabilized and disposed at a proper landfill.

OHM can perform this task for you if you wish. OHM estimates that the removal of the tank can be accomplished in one 10 hour day.

The opening of the tank and solidification and load out of the sludge is estimated to take two 10 hour days.

If you wish OHM to handle this task please contact me and I will be happy to get you a price estimate for this work. I can be reached at our New Jersey office at 609-443-2800. Thank you for your help in completing this project.

Sincerely,

*Kevin S. Wood*

Kevin Wood  
Project Manager

KW/vh

pc: Job File 4148



Department of Environmental Resources

1875 New Hope Street  
Norristown, PA 19401  
215 270-1949

October 10, 1986

Kevin Wood, Project Manager  
C. H. Materials Company  
P. O. Box 41  
Windsor, NJ 02561

Re: Bucks Co.  
Bensalem Twp  
Celco Truck Lea

Dear Mr. Wood:

Thank you for your letter of September 30, 1986 regarding the continued clean-up at Celco Corporation on Dunks Ferry Road. Please be advised that I did not receive the manifest covering the waste transported to Waste Conversion in Hatfield. The Department is in need of this manifest including all others used to transport waste from the property. You may submit this manifest with all the other sampling data and project clean-up scope work in advance of the October 27, 1986 operations start.

It is imperative that you provide the Department with this information for review and approval in advance so as to avoid site concerns after your demobilization has occurred.

We realize that there will be some time before soil samples, taken below the tank, are analyzed and we recommend that you identify a schedule for reporting this information.

Thank you for your cooperation.

Very truly yours,

*MMB*

MICHAEL M. FOREK  
Waste Management Specialist

cc: Mr. Frank Bell  
George Danyliw  
Bensalem Township  
Bucks County Health Department  
✓ Re 30 3W282

Department of Environmental Resources  
1875 New Hope Street  
Norristown, PA 19401  
215 270-1948

*Bucks*  
ORIGINAL  
(Red)

November 24, 1986

Frank J. Bell  
19 Riverbank  
Beverly, N.J. 08010

Re: GELCO Facility  
714 Dunks Ferry Road  
Bensalem, PA 19020

Dear Mr. Bell:

In my October 28, 1986 conversation with Doris, she indicated that the pumping of the tank contents was not completed on the 27 and it appeared that an additional tanker truck was necessary.

Would you provide, immediately, a written statement of any efforts on your part to expedite cleanout of the tank following the 27th. Please indicate what additional volume may have been removed via a copy of manifest records and include what further arrangements have been made for sludge cleanout and tank removal.

Very truly yours,

*MMA*

MICHAEL M. DOBEK  
Waste Management Specialist

cc: George Danyliw  
Bensalem Township  
Bucks County Health Department  
Re 30 7W323.4

# Waste Conversion INC.

2951 G Advance Lane / Colmar, Pennsylvania 18915 / 215-822-2676  
DER - RECEIVED  
JWN

FEB 05 1987

January 29, 1987

Mr. Mike Bobek  
Penna. Dept. of Environmental Resources  
1875 New Hope Street  
Norristown, PA 19401

Dear Mr. Bobek:

Per our conversation yesterday, January 28, 1987,  
please find enclosed copies of the Waste Characterization  
Reports and accompanying analysis you requested.

If I can be of further assistance to you in this matter,  
please do not hesitate to contact me.

Sincerely,

WASTE CONVERSION INC.



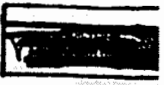
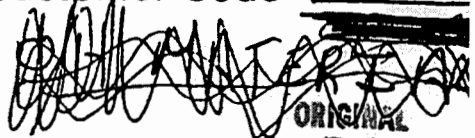
SJF/cw

Enclosures

File: ORIGINAL  
(Red)

Bucks Co.

6516

WC-5000  
Customer Code  
  
  
ORIGINAL  
(Red)



# Waste Conversion, Inc.

A Full Service Environmental Management Company

2869 Sandstone Drive  
Hatfield, PA 19440  
(215) 822-8996 — Plant  
(215) 822-2676 — Office

## Waste Characterization Report

Generator: Mr. Frank Bell

Address: 19 Riverbank Box 352 Beverly, NJ 08010

## General Instructions

1. Obtain a representative sample of the waste material to be submitted in accordance with 40 CFR 261.
2. Complete the generator information and waste characterization sections. If the data required is not available, W.C. can determine this information.
3. Form must be signed by the generator in the certification sections and submitted along with a representative sample.

# A. Generator Information

ORIGINAL  
(Red)

Generator Mr. Frank Bell Generator US EPA ID # NA

Facility Address 714 Dunksfery Road Mailing Address \_\_\_\_\_

Ben Salem, Pa.

FRANK BELL

609-386-7535

Technical Contact Kevin Wood Title Project Manager Phone 609-443-2800

Business Contact Kevin Wood Title Project Manager Phone 609-443-2800

# B. Waste Information

Common Name for Waste Non hazardous/nonregulated material

Detailed Description of Process Generating Waste

Abandoned waste oil and septic sludge stabilized with kiln dust

Current Volume on Site: 40 tons

Anticipated Volume and Frequency: 40-50 tons

Special Handling Information (Attach Material Safety Data Sheet if available)

See attached analysis

Have EP toxicity or other analyses been performed on this waste? ☐ No ☐ Yes (if yes please attach copy of results)

# C. Physical Characteristics of Waste

<b>Color</b>  <b>Odor</b> <input type="checkbox"/> NONE <input type="checkbox"/> MILD <input checked="" type="checkbox"/> STRONG Describe: SEPTIC	<b>Physical State 70°F</b> <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Powder <input type="checkbox"/> Semi solid <input type="checkbox"/> Single phase <input type="checkbox"/> Bi layered <input type="checkbox"/> Multi layered	<b>Ignitability</b> <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Flash Point <input type="checkbox"/> < 70°F <input type="checkbox"/> 70°F-100°F <input type="checkbox"/> 101°F-139°F <input type="checkbox"/> ≥ 140°F Actual:	<b>Corrosivity</b> (pH) <input type="checkbox"/> ≤ 2.0 <input type="checkbox"/> 2.01-5 <input checked="" type="checkbox"/> 5-9 <input type="checkbox"/> 9-12.49 <input type="checkbox"/> ≥ 12.50 Actual pH:	<b>Reactivity</b> <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Unstable <input type="checkbox"/> Water reactive <input type="checkbox"/> Cyanide <input type="checkbox"/> Sulfide <input type="checkbox"/> Explosive <input type="checkbox"/> Generates toxic fumes
<b>Liquid/Solid</b> Total Solids <u>100</u> % Suspended Solids _____ % Dissolved Solids _____ % Free Liquids _____ %	<b>Specific Gravity</b> <input type="checkbox"/> < 0.8 <input type="checkbox"/> 0.8-1.0 <input type="checkbox"/> 1.0-1.2 <input checked="" type="checkbox"/> > 1.2 Actual:	<b>Oil Solvents</b> Chlorides <u>0</u> % Sulfur <u>20</u> % Water <u>2</u> % Ash _____ % BS&W _____ %	<b>Caloric Content</b> (BTU/lb. x 1000) <input checked="" type="checkbox"/> NONE <input type="checkbox"/> < 5 <input type="checkbox"/> 5-10 <input type="checkbox"/> 10-15 <input type="checkbox"/> > 15 Actual:	<b>Total Organic Carbon</b> <input checked="" type="checkbox"/> < 1,000 mg/L <input type="checkbox"/> 1,000-10,000 mg/L <input checked="" type="checkbox"/> > 10,000 mg/L Actual:

## D. Chemical Composition (Must add up to 100%)

ORIGINAL  
(Red)

### Organic

### Inorganic

Petroleum Hydrocarbons	70.0	%	Kiln Dust	30.0	%
Septic Sludge	10.0	%			%
		%			%
		%			%
		%			%
		%			%
		%			%
		%			%
		%			%

## E. Heavy Metals (PPM)

☐ Total ☐ EPA Leachate Extraction

Arsenic	0.001	Lead	0.05
Antimony	—	Mercury	0.0002
Barium	0.1	Molybdenum	—
Cadmium	0.005	Nickel	—
Copper	—	Selenium	0.002
Chrome	0.05	Silver	0.01
Hex-Chrome	—	Zinc	—
Other		Other	
Other		Other	

## F. Other Components (PPM)

Ammonia	.500
Cyanides	NONE
PCBs	NONE
Pesticides/Herbicides	NONE
Phenolics	NONE
Radioactive	N/A
Sulfides	NONE
Other:	
Other:	
Other:	

## G. Hazardous Characteristics

- |   |                                   |
|---|-----------------------------------|
| <input type="checkbox"/> Corrosive      | <input type="checkbox"/> Oxidizer |
| <input type="checkbox"/> E.P. Toxic     | <input type="checkbox"/> Poison   |
| <input type="checkbox"/> Ignitable      | <input type="checkbox"/> Reactive |
| <input type="checkbox"/> Listed Process | <input type="checkbox"/> Other    |

US EPA Hazardous Waste?

☐ Yes ☒ No

US EPA Hazardous Waste Numbers

\_\_\_\_\_  
\_\_\_\_\_

DOT Hazardous Material? ☐ Yes ☒ No

## H. Shipping Information

Proper DOT Shipping Name

Nonregulated Material

Dot Hazard Class NA

UN/NA Number NA

US EPA Hazard Code NA

US EPA Hazardous Waste No. NA

Waste is collected from:

- |   |                                 |
|---|---------------------------------|
| <input type="checkbox"/> Containers       | <input type="checkbox"/> Other: |
| <input type="checkbox"/> Lagoons          |                                 |
| <input checked="" type="checkbox"/> Tanks |                                 |

Method of shipment:

- |                                     |  |                                |
|-------------------------------------|--|--------------------------------|
| <input type="checkbox"/> Vac Truck  | <input checked="" type="checkbox"/> Dump Trailer | <input type="checkbox"/> Drum  |
| <input type="checkbox"/> Tank Truck | <input type="checkbox"/> Roll Off                | <input type="checkbox"/> Other |

## Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed.

Generator's Authorized Signatory:

Frank Bell

TITLE

President

DATE

12/5/86

Submitted By:

Benji

and

OH Materials Corp



# WASTEX INDUSTRIES, INC.

28 S. HANOVER STREET POTTSWOWN, PA. 19464 215 / 327-0880  
125 MAIN AVENUE, ELMWOOD PARK, N.J. 07407 201 / 791-6700

May 20, 1986

E PA 38-005  
N.J. DEP 77371  
Licensed Analytical Laboratories

O. H. Materials Co.,  
P.O. Box 41  
Windsor, NJ 08561-0041  
Attn: Kevin Wood

P.O. # J 3814-59642 Proj. #3814

Identification of Samples Ben Salem, PA Gelco

1. 05-1686-17 3814-#01

2. 05-1686-18 3814-#02

3. 05-1686-19 3814-#03

4. \_\_\_\_\_

Class of Sample: ☐ Grab ☐ Grab Composite ☐ Contin

Sampled 5-14-86 Time 1:30 Date Rec 5-16-86 Time 10:00

Sampled By ME Rec. by MDD

Site Complete: \_\_\_\_\_

Tested By Wastex

Analysis	#1	#2	#3	#4	Analysis	#1	#2	#3
BOD (5 day 20 C) mg/l					Leachate			
COD mg/l					Aluminum mg/l			
Dissolved Oxygen mg/l					Antimony mg/l			
TOC mg/l					Arsenic mg/l	< 0.001	< 0.001	< 0.001
Relative Stability				X	Barium mg/l	< 0.1	< 0.1	< 0.1
Acidity mg/l CaCO <sub>3</sub>				X	Beryllium mg/l			
Alkalinity mg/l CaCO <sub>3</sub>				X	Cadmium mg/l	< 0.005	< 0.010	< 0.010
Hardness mg/l CaCO <sub>3</sub>				X	Calcium mg/l			
pH				X	Chromium mg/l	< 0.05	< 0.05	< 0.05
Spec Cond. $\mu$ mhos/cm				X	Chromium (Hex) mg/l			
Specific Gravity					Copper mg/l			
Color Pt-Co					Iron mg/l			
Odor TON					Lead mg/l	< 0.05	< 0.05	< 0.05
Turbidity NTU				X	Magnesium mg/l			
Bromide mg/l					Manganese mg/l			
Chloride mg/l					Mercury mg/l	< 0.0002	< 0.0002	< 0.0002
Chlorine-Residual mg/l				X	Nickel mg/l			
Cyanide mg/l					Potassium mg/l			
Fluoride mg/l					Selenium mg/l	< 0.002	< 0.002	< 0.002
Ammonia Nitrogen mg/l				X	Silver mg/l	< 0.01	< 0.01	< 0.01
Nitrate Nitrogen mg/l				X	Sodium mg/l			
Nitrite Nitrogen mg/l					Thallium mg/l			
Organic Nitrogen mg/l					Tin mg/l			
Total Phosphate as P mg/l					Zinc mg/l			
Orthophosphate as P mg/l								
Silica mg/l								
Sulfate mg/l								
Sulfide mg/l								
Sulfite mg/l				X	Petroleum			
Total Solids mg/l					Hydrocarbons	64.5%		
Dissolved Solids mg/l								
Suspended Solids mg/l								
Volatile Solids mg/l								
Settleable Solids mg/l								
Grease and Oil mg/l								
Detergents mg/l								
Phenols mg/l								

## BACTERIOLOGICAL

St. Plate Count No/ml				
Total Coliform No/100ml				
Fecal Coliform No/100ml				

Signature



WASTEX  
INDUSTRIES, INC.

28 S. Hanover Street  
Pottstown, PA 19404  
215/327-0880

ORIGINAL  
(Red)

EPA 38-006  
NJDEP 77371

Licensed Analytical Laboratories

P.O. Box 360  
125 Main Ave.  
Elmwood Park, N.J. 07407  
201/791-6700

# NOTES AND COMMENTS

## VALUE

If the result is a value greater than or equal to the detection limit, report the value.

U

Compound was analyzed for but Not Detected. The number is the minimum attainable detection limit for the sample.

B

This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable contamination and warns the data user to take appropriate action.

D

Compound was detected but less than the minimum detection limit.

\*\*

Anthracene coelutes with phenanthrene and is quantitated as all phenanthrene.

\*\*\*

Benzo (b) fluoranthene and Benzo (k) fluoroanthene coelute and are quantitated as all Benzo (k) fluoranthene.

\*\*\*\*

Chrysene coelutes with Benzo (a) anthracene and is quantitated as all Benzo (a) anthracene.

Cis-1,2-Dichloroethene (a non-targeted compound) coelutes with Trans-1,2-Dichloroethene and the MS cannot distinguish one from the other.

LABORATORY DIRECTOR  
ORGANICS DIVISION

DEP CERTIFICATION NO: 77371



PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS
<u>ACID EXTRACTABLES</u>		<u>BASE/NEUTRAL FRACTION</u>	
2-Chlorophenol	2.5U	Hexachlorobenzene	1.U
4-Chloro-3-methylphenol	2.5U	Hexachlorobutadiene	1.U
2,4-Dichlorophenol	2.5U	Hexachlorocyclopentadiene	1.U
2,4-Dimethylphenol	2.5U	Hexachloroethane	5.U
2,4-Dinitrophenol	25.U	Indeno(1,2,3-c,d)pyrene	1.U
4,6-Dinitro-2-methylphenol	2.5U	Isophorone	1.U
2-Nitrophenol	2.5U	Naphthalene	2.D
4-Nitrophenol	2.5U	Nitrobenzene	1.U
Pentachlorophenol	2.5U	N-Nitrosodimethylamine	1.U
Phenol	2.5U	N-Nitrosodiphenylamine	1.U
2,4,6-Trichlorophenol	2.5U	N-Nitrosodipropylamine	1.U
		Phenanthrene	8.
		Pyrene	16.
		1,2,3-Trichlorobenzene	1.U
<u>BASE/NEUTRAL FRACTION</u>		<u>VOLATILE FRACTION</u>	
Acenaphthene	1.	Benzene	0.5U
Acenaphthylene	1.	Bromodichloromethane	0.5U
Anthracene	**	Bromoform	0.5U
Benzidine	5.U	Bromomethane	0.5U
Benz(a)anthracene	7.	Carbon tetrachloride	0.5U
Benzo(b)fluoranthene	***	Chlorobenzene	0.5U
Benzo(k)fluoranthene	3.	Chlorodibromomethane	0.5U
Benzo(g,h,i)perylene	2.D	Chloroethane	0.5U
Benzo(a)pyrene	4	2-Chloroethyl vinyl ether	0.5U
Benzyl butyl phthalate	1.U	Chloroform	1.8
4-Bromophenyl phenyl ether	1.U	Chloromethane	0.5U
bis(2-Chloroethyl)ether	1.U	1,1-Dichloroethane	0.5U
bis(2-Chloroethoxy)ether	1.U	1,2-Dichloroethane	0.5U
bis(2-Chloroisopropyl)ether	1.U	1,1-Dichloroethene	0.5U
2-Chloronaphthalene	1.U	trans-1,2-Dichloroethene	0.5U
4-Chlorophenyl phenyl ether	1.U	1,2-Dichloropropane	0.5U
Chrysene	***	cis-1,3-Dichloropropene	0.5U
Dibenzo(a,h)anthracene	4.U	trans-1,3-Dichloropropene	0.5U
Di-n-butyl phthalate	1.U	Ethylbenzene	0.5U
1,2-Dichlorobenzene	1.U	Fluorotrichloromethane	0.5U
1,3-Dichlorobenzene	1.U	Methylene Chloride	34.8
1,4-Dichlorobenzene	1.U	1,1,2,2-Tetrachloroethane	0.5U
3,3'-Dichlorobenzidine	1.U	Tetrachloroethene	0.5U
Diethyl phthalate	2.5U	Toluene	0.8
Dimethyl phthalate	1.U	1,1,1-Trichloroethane	0.5U
2,4-Dinitrotoluene	1.U	1,1,2-Trichloroethane	0.5U
2,6-Dinitrotoluene	1.U	Trichloroethene	0.5U
Di-n-octyl phthalate	1.U	Vinyl Chloride	0.5U
1,2-Diphenylhydrazine	1.U	Total Xylenes	0.5U
bis(2-ethylhexyl)phthalate	9.		
Fluoranthene	21.		
Fluorene	1.U		

CLIENT: O. H. Materials

SAMPLE I.D.: 05-1686-19

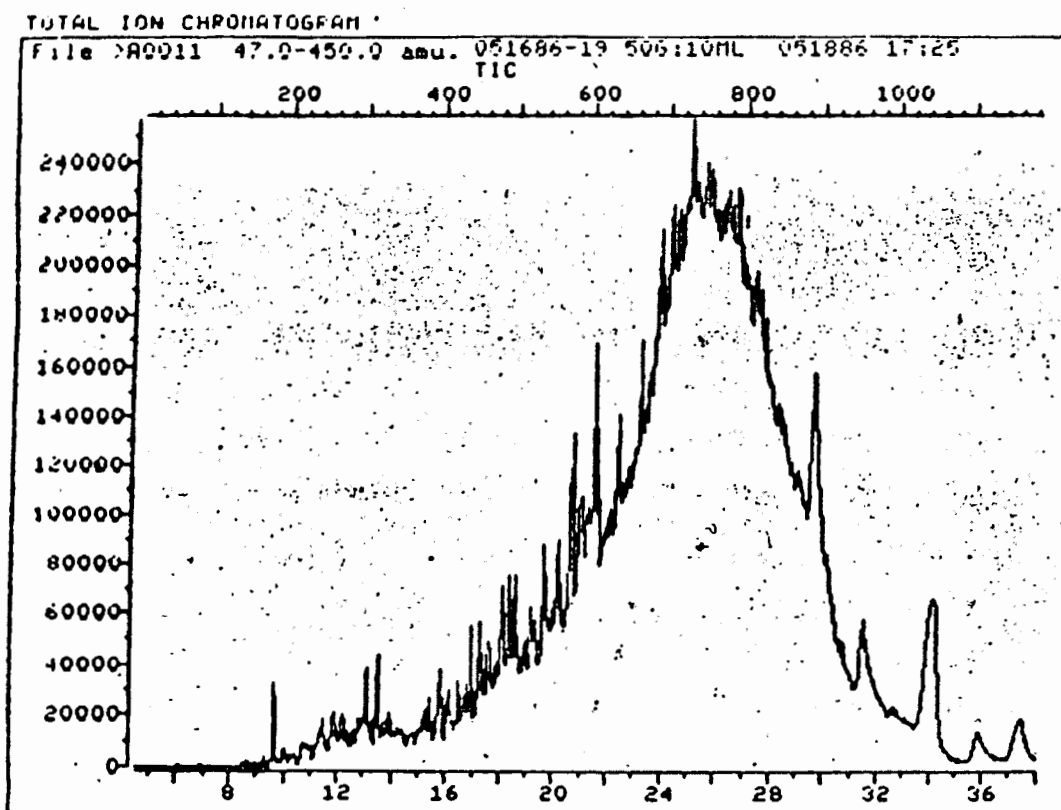
ORIGINAL  
(Red)

CLIENT I.D.: Ben Salém, PA Gelco

FRN NO.: >A0011/>B0052

PARAMETER	RESULTS mg/kg	PARAMETER	RESULTS mg.
<u>PESTICIDE/PCB FRACTION</u>		<u>PESTICIDE/PCB FRACTION</u>	
Aldrin	1.U	Endrin	1.U
α-BHC	1.U	Endrin aldehyde	1.U
β-BHC	1.U	Heptachlor	1.U
δ-BHC	1.U	Heptachlor epoxide	1.U
γ-BHC	1.U	Toxaphene	5.U
Chlordane	5.U		5.U
4,4'-DDD	1.U	PCB-1242	5.U
4,4'-DDE	1.U	PCB-1254	5.U
4,4'-DDT	1.U	PCB-1221	5.U
Dieldrin	1.U	PCB-1232	5.U
α-Endosulfan	1.U	PCB-1248	5.U
β-Endosulfan	1.U	PCB-1260	5.U
Endosulfan sulfate	1.U	PCB-1016	5.U

(Red)  
ORIGINAL  
(Red)



Data File: >A0011::D1  
Name: 051686-19 50G:10ML  
Misc: 051886 17:25

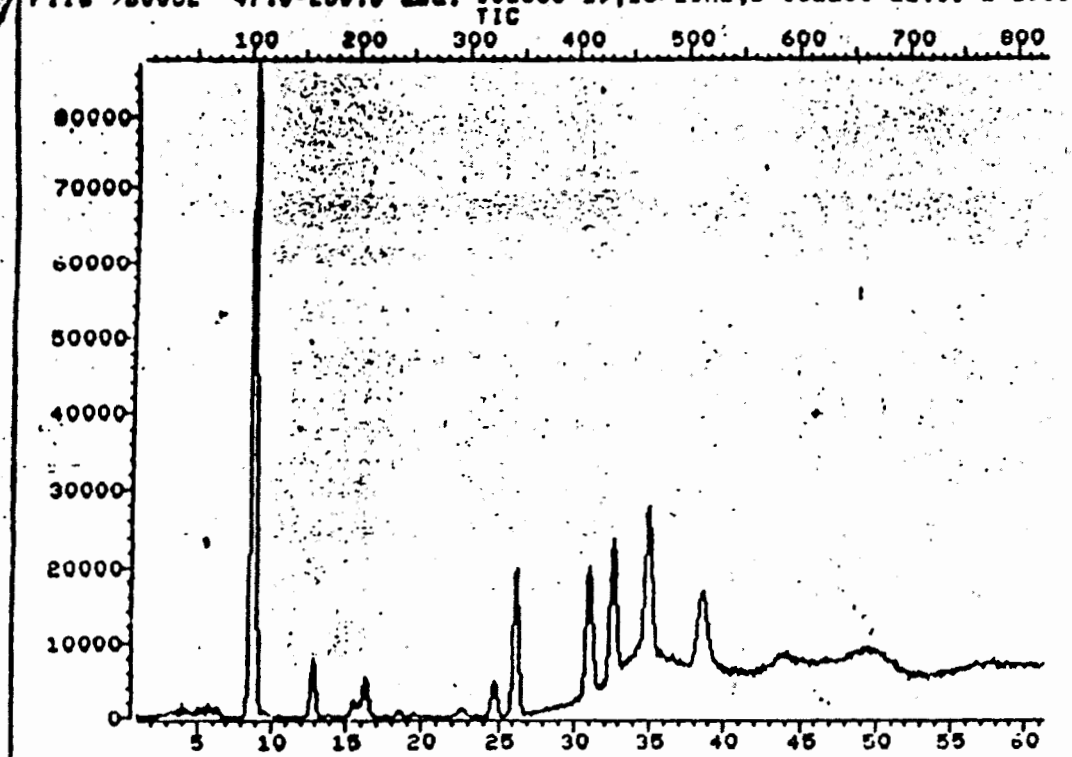
2600V A/D=2^3 T=60 DB-5

Id File: IDNAME::SC  
Title: CLP BN/A EXTRACTABLES  
Last Calibration: 860518 14:42

Operator ID: DT9093  
Quant Time: 860518 18:19  
Injected at: 860518 17:24

TOTAL ION CHROMATOGRAM

File >B0052 47.0-260.0 au. 051686-19,1G/10ML,B 052286 21:00 E=1900



Data File: >B0052::D1

Name: 051686-19,1G/10ML,B

Misc: 052286 21:00 E=1900,A/D=2^5,T=40,SP=1000,5+5UL(1S+SS)

Id File: IDVOL::M1

Title: EPA METHOD 624 VOLATILES

Last Calibration: 860522 14:47

Operator ID: MOLE

Quant Time: 860522 22:08

Injected at: 860522 21:06

Customer Code

WC-2180  
ORIGINAL  
(Red)



# Waste Conversion, Inc.

A Full Service Environmental Management Company

2869 Sandstone Drive  
Hatfield, PA 19440  
(215) 822-8996

## Waste Characterization Report

Generator: GELCO CORP

Address: EXPRESSWAY 95 INDUSTRIAL PARK, BENSLEM, PA

### General Instructions

1. Obtain a representative sample of the waste material to be submitted in accordance with 40 CFR 261.
2. Complete the generator information and waste characterization sections. If the data required is not available, W.C. can determine this information.
3. Form must be signed by the generator in the certification section and submitted along with a representative sample.

# A. Generator Information

ORIGINAL

(Red)

Generator GELCO CORP Generator US EPA ID # TEMPORARY TO BE ISSUED  
 Facility Address EXPRESSWAY 95 INDUSTRIAL PARK Mailing Address SAME AS FACILITY ADDR  
BENSALEM, PA

Technical Contact JAMES BATES Title DISPOSAL COORDINATOR Phone 609-443-2800

Business Contact JAMES BATES Title DISPOSAL COORDINATOR Phone 609-443-2800

## B. Waste Information

Common Name for Waste Soil contaminated with waste oil, volatile organics and base neutral compounds.

Detailed Description of Process Generating Waste

Excavation of soil contaminated with waste oil. Waste oil contained various volatile organics and base neutral compounds. Cleanup is the result of a leaking waste oil storage tank. No PCB's were detected.

*NO U-numbers needed*

Current Volume on Site: Approximately 60 tons. Volume may double

Anticipated Volume and Frequency: 80 to 100 tons one time

Special Handling Information (Attach Material Safety Data Sheet if available)

No special handling instructions. Product contains OSHA carcinogens and

should be handled only when proper respiratory and protective clothing are worn.

Have EP toxicity or other analyses been performed on this waste? ☐ No ☒ Yes (if yes please attach copy of results)

## C. Physical Characteristics of Waste

Color	Oils/Solvents	Physical State at 70°F	Phases/Layers	Liquid/Solid
<u>brown-black</u>	Chlorinated Content <u>.5</u> %	<input checked="" type="checkbox"/> SOLID	<input checked="" type="checkbox"/> SINGLE	Total Solids <u>100</u> %
Odor	Sulfonated Content <u>1.0</u> %	<input type="checkbox"/> LIQUID	<input type="checkbox"/> BI LAYERED	Suspended <u>0</u> %
<input type="checkbox"/> NONE	B S & W <u>2.0</u> %	<input type="checkbox"/> SEMI SOLID	<input type="checkbox"/> MULTI LAYERED	Dissolved <u>0</u> %
<input checked="" type="checkbox"/> MILD	Ash <u>NA</u> %	<input type="checkbox"/> Powder		
<input type="checkbox"/> STRONG		% Liquid <u>None</u>		
Describe: oil				
pH	Specific Gravity	Flash Point	Caloric Content (BTU/lb. x 1000)	Total Organic Carbon
<input type="checkbox"/> <2	<input type="checkbox"/> <0.8	<input type="checkbox"/> <70°F	<input type="checkbox"/> NONE	<input type="checkbox"/> < 1,000 mg/L
<input type="checkbox"/> 2-5	<input type="checkbox"/> 0.8-1.0	<input type="checkbox"/> 70°F - 100°F	<input type="checkbox"/> <5	<input checked="" type="checkbox"/> 1,000-10,000 mg/L
<input checked="" type="checkbox"/> 5-9	<input type="checkbox"/> 1.0-1.2	<input type="checkbox"/> 101°F - 139°F	<input checked="" type="checkbox"/> 5-10	
<input type="checkbox"/> 9-12.5	<input checked="" type="checkbox"/> >1.2	<input type="checkbox"/> >140°F	<input type="checkbox"/> 10-15	
<input type="checkbox"/> >12.5			<input type="checkbox"/> >15	
Actual:	Actual:	Ac flash	Actual:	Actual:

# D. Chemical Composition (Must add up to 100%)

## Organic

## Inorganic

Waste oil	2.0 %	Soil	94.0 %
Volatile organic compounds	1.0 %	Protective clothing & general debris	2.0 %
	%		%
	%	Base neutrals	1.0 %
	%	Heavy metals	trace %
	%		%
	%		%
	%		%
	%		%

No  
4-numbers  
necessary  
for  
waste

# E. Heavy Metals (PPM)

☐ Total ☒ EPA Leachate Extraction

Arsenic	0.001	Lead	0.05
Antimony	None	Mercury	0.0002
Barium	0.1	Molybdenum	None
Cadmium	0.010	Nickel	None
Copper	NA	Selenium	0.002
Chrome	0.05	Silver	0.01
Hex-Chrome	NA	Zinc	NA
Other		Other	
Other		Other	

# F. Other Components (PPM)

Ammonia	None
Cyanides	None
PCB's	None
Pesticides/Herbicides	None
Phenolics	None
Radioactive	None
Sulfides	None
Other:	
Other:	
Other:	

# G. Hazardous Characteristics

- |  |                                   |
|--|-----------------------------------|
| <input type="checkbox"/> Corrosive                 | <input type="checkbox"/> Oxidizer |
| <input type="checkbox"/> E.P. Toxic                | <input type="checkbox"/> Poison   |
| <input type="checkbox"/> Ignitable                 | <input type="checkbox"/> Reactive |
| <input checked="" type="checkbox"/> Listed Process | <input type="checkbox"/> Other    |

US EPA Hazardous Waste?

☒ Yes ☒ No

US EPA Hazardous Waste Numbers

U018

U022

U028

U044

U080

U120

DOT Hazardous Material?

☒ Yes ☐ No

# H. Shipping Information

Proper DOT Shipping Name  
Hazardous Waste Solid N.O.S.

Dot Hazard Class ORM-E

UN/NA Number NA9189

US EPA Hazard Code Solid/Toxic

US EPA Hazardous Waste No. 700 602  
Waste is collected from:

- |                                     |  |
|-------------------------------------|--|
| <input type="checkbox"/> Containers | <input checked="" type="checkbox"/> Other: |
| <input type="checkbox"/> Lagoons    | Excavation &                               |
| <input type="checkbox"/> Tanks      | Stockpile                                  |

Method of shipment:

- |                                     |  |                                |
|-------------------------------------|--|--------------------------------|
| <input type="checkbox"/> Vac Truck  | <input checked="" type="checkbox"/> Dump Trailer | <input type="checkbox"/> Drum  |
| <input type="checkbox"/> Tank Truck | <input type="checkbox"/> Roll Off                | <input type="checkbox"/> Other |

# Generator Certification

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine, that no deliberate or willful omissions of compositions or properties exists, and that all known or suspected hazards have been disclosed

G.

[Redacted Signature]

TITLE District Manager DATE 6/5/86

Submitted By

OH Materials Corp. Jim Bates 609-443-2600

This section is for Waste Conversion use only

ORIGINAL  
(Red)

TRANSPORTATION:

Special Conditions: TYPE OF VEHICLE:

EQUIPMENT:

LABOR:

SCALES:

Comments: JOB SITE DESCRIPTION:

ROUTE:

SCHEDULING CONTACT:

OPERATING HOURS:

Current Disposal Method:

TRANSPORTATION PRICE:

Current Price/Specs: PRICE:

LVC:

SPECS:

SURCHARGES:

Proposed Treatment/Disposal Method:

HANDLING METHOD:

Approval Status

Lab Code

☐ Approval MODULE REQUIRED Y N

APPROVAL DATE:

Conditions: APPROVAL TYPE:

AMOUNT:

LIMITATIONS:

☐ Approval Withheld

Reason:

☐ Disapproved

Reason:

Generator

EPA ID#

Facility Address

Phone

Contact

WASTE (COMMON NAME):

Proper DOT Shipping Name

UN/NA#

DOT Hazard Class

EPA Waste Type

TYPE OF MANIFEST:

BILL OF LADING:

P.O. #:

Quotation

Date Sent:

To:

Price:

Conditions:

Revisions:

APPROVALS:

TECH. DEPT.


SALES DEPT.

Submitted by (SALESMAN):



## PCB Certification

I, the undersigned under penalty of law do hereby certify that the waste material submitted for acceptance to Waste Conversion, Inc. does not contain polychlorinated biphenyls (PCB's) at a level greater than 49 ppm as defined by 40 CFR 761, and that I am authorized to execute this document on behalf of GELCO CORP (Company Name).

  
Authorized Signature

District Manager  
Title

6/5/86  
Date

## Herbicide/Pesticide Certification

I, the undersigned under penalty of law do hereby certify that the waste material submitted for acceptance to Waste Conversion, Inc. does not contain herbicides or pesticides at a concentration which would render it hazardous as defined in 40 CFR 261 and that I am authorized to execute this document on behalf of GELCO CORP (Company Name).

  
Authorized Signature

District Manager  
Title

6/5/86  
Date

## Non Hazardous Waste Certification

I, the undersigned under penalty of law do hereby certify that the waste material submitted for acceptance to Waste Conversion, Inc. does not contain E.P. toxic metals or priority pollutants which would render it hazardous as defined in 40 CFR 261 and that I am authorized to execute this document on behalf of \_\_\_\_\_ (Company Name).

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

1  
RECEIVED  
NORRISTOWN  
MAR - 6 1987

File: Bucks Co  
ORIGINAL  
GELCO (Red)  
(Bensalem)

March 4, 1987

Mr George Danyliw  
Waste Management Specialist  
Department of Environmental Resources  
1875 New Hope St 2940  
Norristown Pa 19401

Re: Gelco Facility  
714 Dunksferry Rd  
Bensalem Pa 19020

Dear Mr Danyliw,

I have enclosed a copy of the lab report which is a composite of 5 sample locations taken after the tank was removed.

The remainder of the solid waste was taken by Delvecchio Waste Haulers to Waste Conversion Inc and the empty tank was pulled out and cut into pieces and taken to Delaware Valley Scrap Yard.

The hole where the tank was is still open, although protected by dirt piles. But this has become a very difficult situation for the company operating the terminal.

Thanks for your consideration.

Sincerely

*Frank J Bell*  
Frank J Bell



ORIGINAL  
(Red)



# CENTURY LABORATORIES, INC.

P.O. Box 248/1501 Grandview Avenue/MidAtlantic Park, Thorofare, NJ 08086  
Phone: (609) 848-3939 NJ 800-222-0589

DER-RECEIVED  
MORRISTOWN

MAR -6 1987

REPORT #: F0351  
DATE: 03/02/87

CLIENT

FRANK BELL  


SUBJECT

One Sample submitted by the client on 02/11/87, and  
identified as: (02/11/87) Composite of North, South,  
East, Westside Center.

AUTHORIZATION

Frank Bell

PURPOSE

Chemical Analysis for Volatile Organics

PROCEDURE

Samples were analyzed in accordance with procedures presented  
in the following:

"Test Methods for Evaluating Solid Waste -  
Physical/Chemical Methods", 2nd Ed., 1984 U.S.  
Environmental Protection Agency (SW-846)

CENTURY LABORATORIES, INC.  


CENTURY LABORATORIES, INC.  
CLIENT: Frank Bell  
CLIENT I.D.: 714 Dunk's Ferry Rd. Bensalem, Pa.

REPORT NO: F0351  
DATE: 03/02/87

<u>PARAMETER</u>	<u>RESULTS (ug/kg)</u>
Chloromethane	10 U
Bromomethane	10 U
Vinyl Chloride	10 U
Chloroethane	10 U
Methylene chloride	3 U
1,1-Dichloroethene	3 U
1,1-Dichloroethane	5 U
trans-1,2-Dichloroethene	2 U
Chloroform	2 U
1,2-Dichloroethane	3 U
1,1,1-Trichloroethane	4 U
Carbon tetrachloride	3 U
Bromodichloromethane	2 U
1,2-Dichloropropane	6 U
trans-1,3-Dichloropropene	5 U
Trichloroethene	2 U
Benzene	4 U
Chlorodibromomethane	3 U
1,1,2-Trichloroethane	5 U
2-Chloroethyl vinyl ether	10 U
cis-1,3-Dichloropropene	5 U
Bromoform	5 U
1,1,2,2-Tetrachloroethane	7 U
Tetrachloroethene	4 U
Toluene	11
Chlorobenzene	6 U
Ethylbenzene	4 J
1,3-Dichlorobenzene	5 U
1,2+1,4-Dichlorobenzenes	10 U

DEFINITIONS:

VALUE	If the result is a value greater than or equal to the detection limit, report the value.
U	Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
J	Indicates an estimated value. Mass spectral data indicates the presence of the compound at levels less than the specified detection limit.

ORIGINAL  
(Red)

Environmental Resources  
March 17, 1987  
8-354-1948

Gelco Clean-Up

GEORGE DANYLIW  
Operations Field Supervisor

SARAH L. GINZLER *slg*  
Hydrogeologist

The composited sample of soils taken from the tank excavation area shows 11 ug/kg of toluene in a volatile scan. I have no objection to backfilling the excavation if this sample is representative. The actual value of toluene in one area may be somewhat higher. It appears that the vast majority of contamination has been removed. As there are no firm regulations governing soil contamination, I have to rely on the soils' subsequent (or potential) contamination of groundwater. 11 ppb of toluene in soils would not threaten groundwater above any level of concern now regulated.

Re 30 3W76.1  
file ✓

Department of Environmental Resources

1875 New Hope Street  
Norristown, PA 19401  
215 270-1879

April 8, 1987

Mr. J. Bell  
19 River Bank  
Beverly, NJ 08010

Re: Gelco Facility  
714 Dunksferry Road  
Bensalem, PA 19020

Dear Mr. Bell:

Based on the interpretation of lab results by our hydrogeologist, Sarah Ginzler, it is permissible to backfill the excavation at the GELCO facility in Bensalem Township, Bucks County.

Very truly yours,



MICHAEL PENNELLA  
Waste Management Specialist

cc: George Danyliw  
Re 30 (3F14)98.6


RECEIVED  
NORRISTOWN

MAR 15 1985

Reply to: **ORIGINAL**  
(Red)  
☐ 2164 Almshouse Road  
P.O. Box 119  
Jamison, PA 18929  
Tel.: (215) 343-2056  
☐ 930 Oak Terrace  
Southampton, PA 18966  
Tel.: (215) 364-0987

March 13, 1985

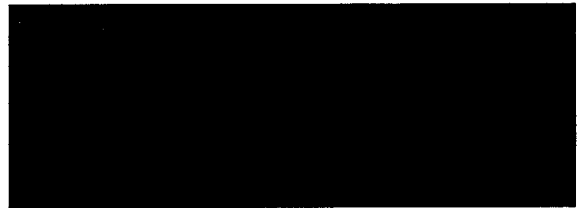
Mr. Robert Allen  
Bureau of Solid Waste Management  
Pa. Department of Environmental Resources  
1875 New Hope Street  
Norristown, Pa. 19401

Re: The Dorseys  


Dear Bob:

On March 8 I received a letter from the Dorseys' Attorney authorizing me to release the information in my files pertaining to the above referenced project.

Enclosed, therefore, please find copies of tabulated chemical data as submitted by analytical laboratory.



Enclosures



**QC Inc**  
QUALITY CONTROL LABORATORY

1205 INDUSTRIAL HIGHWAY • P.O. BOX 514  
SOUTHAMPTON, PA. 18966 • 215/355-3900

MERQUI & ASSOCIATES

P.O. BOX 119

JAMISON, PA

18929

ATTN: JOSEPH A. PALERMO, JR.

ORIGINAL  
(Red)

REPORT DATE :11/14/84

SAMPLE DATE :10/16/84

SAMPLE TIME :10:00AM

SAMPLE TEMP :NA F

SAMPLED BY :QJ

COLLECTED BY :QJ

ANALYSIS DATE:10/17/84

SAMPLE/CONTAINER	TEST NUMBER —>	W0203-MGK	W0204-MGK	W0207-MGK	W0209-MGK	W0214-MGK	W0217-MGK	W0221-MGK	W0222-MGK		
	TEST NAME —>	ARSENIC	BARIUM	CADMIUM	CHROMIUM	LEAD	MERCURY	SELENIUM	SILVER		
	UNIT MEASURE—>	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG		
HG-84-0387		9.2	128.	5.0	41.9	417.	0.15	<0.01	2.1		
044539 QC SUPPLIED CONTAINER											

SAMPLE# COMMENT NOTE: EACH SAMPLE ABOVE IS GIVEN A UNIQUE ID# (PRINTED JUST BELOW THE SAMPLE)

SAMPLED BY CUSTOMER

044539 QC#34087

044539 ALL TESTING IS CONDUCTED IN ACCORDANCE WITH E.P.A. METHODOLOGY.

10/16/84  
10/17/84





1205 INDUSTRIAL HIGHWAY • P.O. BOX 514 • SOUTHAMPTON PA 18966-0514 • (215) 355-3900

ORIGINAL  
(Red)

Mercuri & Associates  
Re QC#34087 HG-84-0387

Date Sampled: 10/17/84  
Date Reported: 11/12/84

TABULATION OF ANALYTICAL DATA FOR PESTICIDES/PCB's PER EPA METHOD 625

COMPOUND	SAMPLE I.D. - CONCENTRATION IN <del>PPM</del> PPM			
ALPHA-ENDOSULFAN	< .02			
BETA-ENDOSULFAN	< .02			
ENDOSULFAN SULFATE	< .08			
ALPHA-BHC	< .08			
BETA-BHC	< .08			
DELTA-BHC	< .08			
GAMMA-BHC	< .08			
ALDRIN	< .02			
DIELDRIN	< .02			
4,4'-DDE	< .02			
4,4'-DDD	< .02			
4,4'-DDT	< 20			
ENDRIN	< 20			
ENDRIN ALDEHYDE	< .02			
HEPTACHLOR	< .06			
HEPTACHLOR EPOXIDE	< .08			
CHLORDANE	< .40			
TOXAPHENE	< 4.0			
AROCLOR 1016	< .50			
AROCLOR 1221	< .50			
AROCLOR 1232	.90			
AROCLOR 1242	< .50			
AROCLOR 1248	< .50			
AROCLOR 1254	< .50			
AROCLOR 1260	< .50			
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN (TCDD)	Not Present			

**QC Inc**

QUALITY CONTROL LABORATORY

1205 INDUSTRIAL HIGHWAY • P.O. BOX 514 • SOUTHAMPTON, PA 18966-0514 • (215) 355-3900

Mercuri &amp; Associates

Re: QC#34087 HG-84-0387

ORIGINAL  
(Red)

Date Sampled: 10/17/84

Date Reported: 11/12/84

**TABULATION OF ANALYTICAL DATA FOR BASE/NEUTRAL EXTRACTABLES PER EPA METHOD 625**

COMPOUND	SAMPLE I.D. - CONCENTRATION IN PPB			
ACENAPHTHYLENE	< 50.0			
ACENAPHTHENE	< 50.0			
BUTYL BENZYL PHTHALATE	< 50.0			
1,2-DICHLOROBENZENE	< 50.0			
1,3-DICHLOROBENZENE	< 50.0			
1,4-DICHLOROBENZENE	< 50.0			
HEXACHLOROETHANE	< 50.0			
HEXACHLOROBUTADIENE	< 50.0			
HEXACHLOROBENZENE	< 50.0			
1,2,4-TRICHLOROBENZENE	< 50.0			
BIS(2-CHLOROETHOXY) METHANE	< 50.0			
NAPHTHALENE	< 50.0			
2-CHLORONAPHTHALENE	< 50.0			
ISOPHORONE	< 50.0			
NITROBENZENE	< 50.0			
2,4-DINITROTOLUENE	< 50.0			
2,6-DINITROTOLUENE	< 50.0			
4-BROMOPHENYL PHENYL ETHER	< 50.0			
BIS(2-ETHYLHEXYL) PHTHALATE	< 50.0			
DI-N-OCTYL PHTHALATE	< 50.0			
DIMETHYL PHTHALATE	< 50.0			
DIETHYL PHTHALATE	< 50.0			
DI-N-BUTYL PHTHALATE	< 50.0			
FLUORENE	< 50.0			
FLUORANTHENE	< 50.0			
CHRYSENE	< 50.0			
PYRENE	< 50.0			
PHENANTHRENE	< 50.0			
ANTHRACENE	< 50.0			
BENZO(A)ANTHRACENE	< 100.0			
BENZO(B)FLUORANTHENE	< 100.0			

Mercuri & Associates  
Re: QC#34087 HG-84-0387

15

ORIGINAL  
(Red)

TABULATION OF ANALYTICAL DATA FOR BASE/NEUTRAL EXTRACTABLES PER EPA METHOD 625

COMPOUND	SAMPLE I.D. - CONCENTRATION IN PPB			
BENZO(A)PYRENE	< 100.0			
INDENO(1,2,3-c)PYRENE	< 100.0			
DIBENZO(A,H)ANTHRACENE	< 100.0			
BENZO(G,H,I)PERYLENE	< 100.0			
4-CHLOROPHENYL PHENYL ETHER	< 50.0			
3,3-DICHLOROBENZIDINE	< 50.0			
BENZIDINE	< 50.0			
BIS(2-CHLOROETHYL) ETHER	< 50.0			
1,2-DIPHENYLHYDRAZINE	< 50.0			
HEXACHLOROCYCLOPENTADIENE	< 50.0			
N-NITROSODIPHENYLAMINE	< 50.0			
N-NITROSODIMETHYLAMINE	< 50.0			
N-NITROSODI-N-PROPYLAMINE	< 50.0			
BIS(2-CHLOROISOPROPYL) ETHER	< 50.0			



ORIGINAL  
(Red)

1235 INDUSTRIAL HIGHWAY • P.O. BOX 514 • SOUTHAMPTON, PA 18966-0514 • (215) 355-3900

Mercuri & Associates

Date Sampled: 10/17/84

Re: QC#34087 HG-84-0387

Date Reported: 10/31/84

**TABULATION OF ANALYTICAL DATA FOR VOLATILE ORGANICS PER EPA METHOD 624**

COMPOUND	SAMPLE I.D. - CONCENTRATION IN PPB			
CHLOROMETHANE	< 10.0			
BROMOMETHANE	< 10.0			
VINYL CHLORIDE	< 10.0			
CHLOROETHANE	< 10.0			
METHYLENE CHLORIDE	< 10.0			
1,1, DICHLOROETHYLENE	< 10.0			
1,1, DICHLOROETHANE	< 10.0			
TRANS 1,2, DICHLOROETHYLENE	< 10.0			
CHLOROFORM	< 10.0			
1,2, DICHLOROETHANE	< 10.0			
1,1,1, TRICHLOROETHANE	< 10.0			
CARBON TETRACHLORIDE	< 10.0			
BROMODICHLOROMETHANE	< 10.0			
1,2, DICHLOROPROPANE	< 10.0			
TRANS 1,3, DICHLOROPROPENE	< 10.0			
TRICHLOROETHYLENE	< 10.0			
DIBROMOCHLOROMETHANE	< 10.0			
1,1,2, TRICHLOROETHANE	< 10.0			
CIS 1,3, DICHLOROPROPENE	< 10.0			
BENZENE	< 10.0			
2 CHLOROETHYL VINYL ETHER	< 10.0			
BROMOFORM	< 10.0			
1,1,2,2, TETRACHLOROETHANE	< 10.0			
1,1,2,2, TETRACHLOROETHYLENE	22.4			
TOLUENE	< 10.0			
CHLOROBENZENE	< 10.0			
ETHYLBENZENE	< 10.0			
ACROLEIN	< 100.0			
ACRYLONITRILE	< 100.0			
OTHER COMPOUNDS IDENTIFIED				

Galco - Bill Cousins light  
Truck leasing / rental + maintenance  
No engine overhauling - buzzed in from St. Louis  
Exhaust from shop out back

To: File

From: G. Allen  
SWS

Re: Michael Dorsey Property

A visit was made to the above property on 10-11-84 with Bruno Mercuri + Joseph Palermo of Mercuri + Associates. Soil samples were collected at various points by Mercuri & will be tested for priority pollutants, metals, etc. I took readings on the HNU photoionizer & the combustible gas meter at various locations to check for the presence of organic vapors, methane, etc. No gases or vapors were detected.

Mercuri will forward test results when available.

Surface

Currently, surface water in Bucks County is drawn almost entirely from the Delaware River. The water suppliers in Bucks County who draw water from the Delaware River and the municipalities they serve are listed in Table 4.

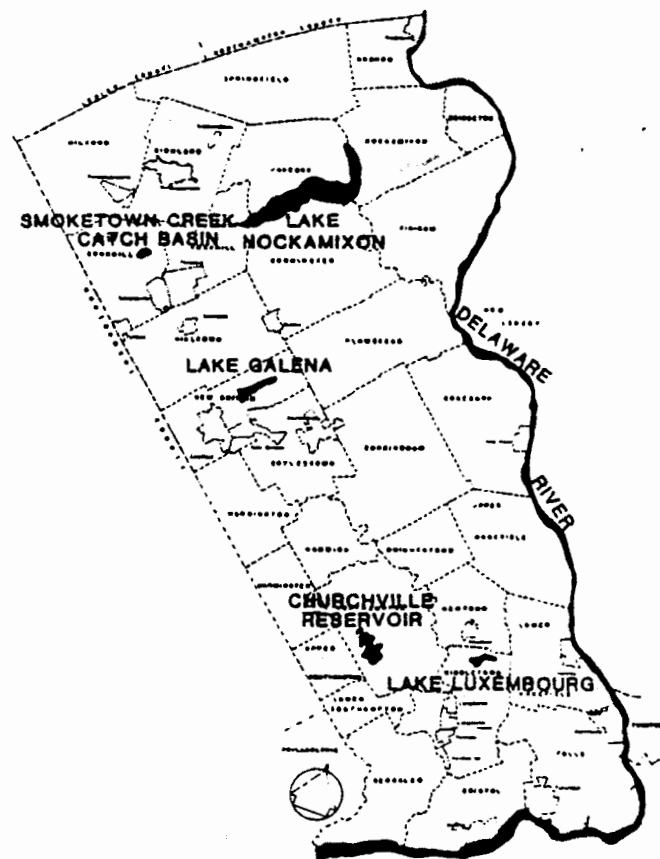
**TABLE 4 - Water Suppliers Using Surface Water Sources**

<u>NAME OF WATER SUPPLIER</u>	<u>MUNICIPALITIES SERVED</u>
Bristol Borough Water & Sewer Authority	Bristol Borough Bristol Township (part)
Keystone Water Co.	Yardley Borough Lower Makefield Twp. (part)
Lower Bucks Joint Municipal Authority	Tullytown Borough Bristol Township (part) Falls Township (part) Middletown Township (part)
Morrisville Borough Authority	Morrisville Borough Falls Township (part) Lower Makefield Twp. (part)

Other sources of surface water in the County (see Figure 2) include Churchville Reservoir on Ironworks Creek and the Smoketown Creek catch basin. The Churchville Reservoir in Northampton Township releases up to 12 million gallons of water per day into Mill Creek which then flows into the Neshaminy Creek. Approximately 2.5 miles downstream, the Philadelphia Suburban Water Company withdraws the water from the Creek. After treatment, the water is piped to Philadelphia Suburban Water Company's distribution system which lies outside of Bucks County. The Smoketown Creek catch basin in West Rockhill Township is part of the Sellersville Municipal Water Works and has a total capacity of 18 million gallons. After treatment, the water flows into the Sellersville water supply system.

*DerKasie H2O 215 257 3654  
Sellersville Municipal*

**FIGURE - 2**



**BUCKS COUNTY  
SURFACE WATER SOURCES**

ORIGINAL  
(Red)

The Bucks County Water and Sewer Authority provides surface water to the County by making bulk purchases from the City of Philadelphia's Torresdale Filtration Plant on the Delaware River. Bulk water sales are then made to the municipalities of Bensalem Township, Middletown Township, Upper Southampton Township, and Northampton Township. In Lower Southampton Township, the Authority is a retail supplier. The current contract with the City of Philadelphia enables the Authority to purchase up to an average daily flow of 20 million gallons and a maximum of 25 million gallons during hourly periods, until 1990. At that time, the average daily flows will increase to 25 million gallons per day and a maximum of 35 million gallons per day during hourly periods.

Future surface water expansion in Bucks County presently hinges on constructing the Point Pleasant pumping station on the Delaware River and a water treatment plant at Chalfont. This system will draw water from the Delaware River to supply the central area of Bucks County which is undergoing considerable population expansion. Lake Galena on the North Branch of the Neshaminy Creek will be used in conjunction with this system as a water supply reservoir.

Lake Luxembourg on Core Creek in Middletown Township had previously been proposed as a surface water source in conjunction with a pumping station on the Delaware River at Yardley and treatment facilities at Langhorne. However, the 1975 amendments to the Bucks County Master Plan for Water Supply population projections indicated that such a system would not be necessary to meet projected needs.

Another reservoir in Bucks County is Lake Nockamixon on the Tohickon Creek in Nockamixon State Park, which is controlled by the Commonwealth of Pennsylvania. Presently, it is not authorized for water supply purposes. If, in the future, authorization is given for the purpose of water supply, Bucks County has priority rights to the water. However, the Delaware River Basin Commission believes that using Lake Nockamixon as a water supply alternative to the Neshaminy system would severely impair the regional recreational benefits provided by the facility and should not be used for water supply before the year 2000. According to the Basin Commission, the most efficient use of the reservoir would involve augmenting available supplies in the Delaware River during periods of low flow, rather than drawing directly from the reservoir. (From January 19, 1981 to February 1, 1981, the



ORIGINAL  
(Red)

Water is supplied within the Region from both groundwater and surface water sources. Delaware River water, withdrawn and treated in Philadelphia (Torresdale Filtration Plant), is distributed by the Bucks County Water and Sewer Authority to the Warrington, Warminster, and Northampton Authorities. The Philadelphia Suburban Water Company also has a water supply reservoir (Churchville) in the region, although the Company does not supply water to the Region.

All of the water suppliers in the Region, however, depend upon groundwater to varying degrees. The majority of the underlying geologic formations in the region from which groundwater is withdrawn are Triassic Brunswick shale, Lockatong argillite, Stockton sandstone and Diabase. There is a small area in the southern corner of Northampton that is underlain by Precambrian gneiss. Groundwater yields vary from poor to good, reflecting the overall characteristics of these formations.

This Region may in the future be supplied with water from the Neshaminy Water Supply Project. (Refer to OVERVIEW.)

#### Lower Neshaminy Region

The Lower Neshaminy Region includes the boroughs of Langhorne, Langhorne Manor, Pennel, and Hulmeville and the townships of Upper Southampton, Lower Southampton, Middletown and Bensalem. The 1980 population of the Region was [REDACTED] Bensalem Township is the second largest township in Bucks County, and is projected to increase between [REDACTED] people by the year 2000.

The Region is supplied with water from both surface water and groundwater sources. Portions of the Neshaminy Creek Watershed, the Pennypack Creek Watershed, the Poquessing Creek Watershed, and the Delaware River lie within the Region's boundaries. The Middletown Township Municipal Authority uses water from Chubb Run, a tributary of the Neshaminy Creek, as part of its water supply. Middletown, along with Upper Southampton Township Municipal Authority and the Bensalem Township Municipal Authority, provides customers with water purchased from the Bucks County Water and Sewer Authority (BCWSA) which also has a service area in the Region (the BCWSA receives water from the City of Philadelphia's Torresdale

ORIGINAL

Treatment Plant). The Lower Bucks County Joint Municipal Authority withdraws water from the Delaware River for use in its service area. Refer to the "Existing Water Supply Service Area Map" for the location of water supplies in the Lower Neshaminy Region. These water suppliers, except for the Bucks County Water and Sewer Authority, also use groundwater as part of their water supply. The underlying geologic formations of the Region consist of Triassic Stockton sandstone, Precambrian gneiss, Precambrian schist, and unconsolidated sands and gravels. Groundwater yields may vary from fair to good, reflecting the overall water bearing characteristics of these formations.

### Morrisville Region

The Morrisville Region includes the Boroughs of Yardley and Morrisville and Lower Makefield Township. The population of the Region in 1980 was [REDACTED] and is projected to increase by approximately 10,000 by the year 2000.

The Keystone Water Company and the Morrisville Borough Municipal Water Works supply water for areas in the Region.—Both of these water suppliers withdraw water from the Delaware River. In addition, Keystone Water Company also uses wells. Refer to the Existing Water Supply Facilities Map for the location of the two water suppliers in the Morrisville Region.

The principal aquifers in the Region are Triassic Stockton sandstone with generally good yields, Triassic Lockatong argillite with poor yield, and Precambrian gneiss with generally fair yields. The State Water Plan recommends increased allocations from the Delaware River as a possible solution to public water supply needs, though additional well development is a viable alternative.

### Lower Bucks Region

The Lower Bucks Region includes Bristol Borough, Tullytown Borough, Bristol Township and Falls Township. The 1980 population was [REDACTED] and is projected to increase by approximately 20,000 by the year 2000. A large percentage of this increase is projected to occur in Falls Township.

## WATER SUPPLY FACILITIES INVENTORY

The population of Bucks County, according to the 1980 Census stands at [REDACTED] people. [REDACTED] suppliers provide an estimated 298,100 persons with public water (i.e., provided by municipality or regulated by the Public Utility Commission (PUC)). In total, these water suppliers serve approximately [REDACTED] households throughout Bucks County.

The following information provides some of the details regarding the [REDACTED] water suppliers according to information taken from each of their 1980 Annual Water Supply Reports which they submitted to the Department of Environmental Resources.

The appendix contains a table, listing the key elements of this section pertaining to each of the water suppliers. Included with the table is a map showing the service area of each of the water suppliers in Bucks County.

### Bensalem Township Municipal Authority

The Bensalem Township Municipal Authority (BTMA) constructed and maintains the water distribution system within Bensalem Township. The BTMA does not own a groundwater or surface water supply source. All of their required water supply is purchased from the Bucks County Water and Sewer Authority (BCWSA). The BCWSA purchases water from the City of Philadelphia after the City withdraws it from the Delaware River at the Torresdale Water Treatment Facility.

Within the BTMA service area there are [REDACTED]

[REDACTED] The water supplied to these customers amounts to [REDACTED] MGD for domestic use, [REDACTED]

pe

ORIGINAL  
(Rod)

The Region spans portions of the Neshaminy Creek, Mill Creek and unnamed tributary watersheds of the Delaware River. The Keystone Water Company, the Bristol Borough Water and Sewer Authority, and the Lower Bucks County Joint Municipal Authority service the Region with water from both groundwater and water that is withdrawn from the Delaware River. The Falls Township Authority also serves the Region, but with water purchased from the Lower Bucks County Joint Municipal Authority. Fair to good well yields are provided by the unconsolidated sand, gravel, and clay formations in the Region. (Refer to Existing Water Supply Service Area Map for the location of water suppliers in the Region.)